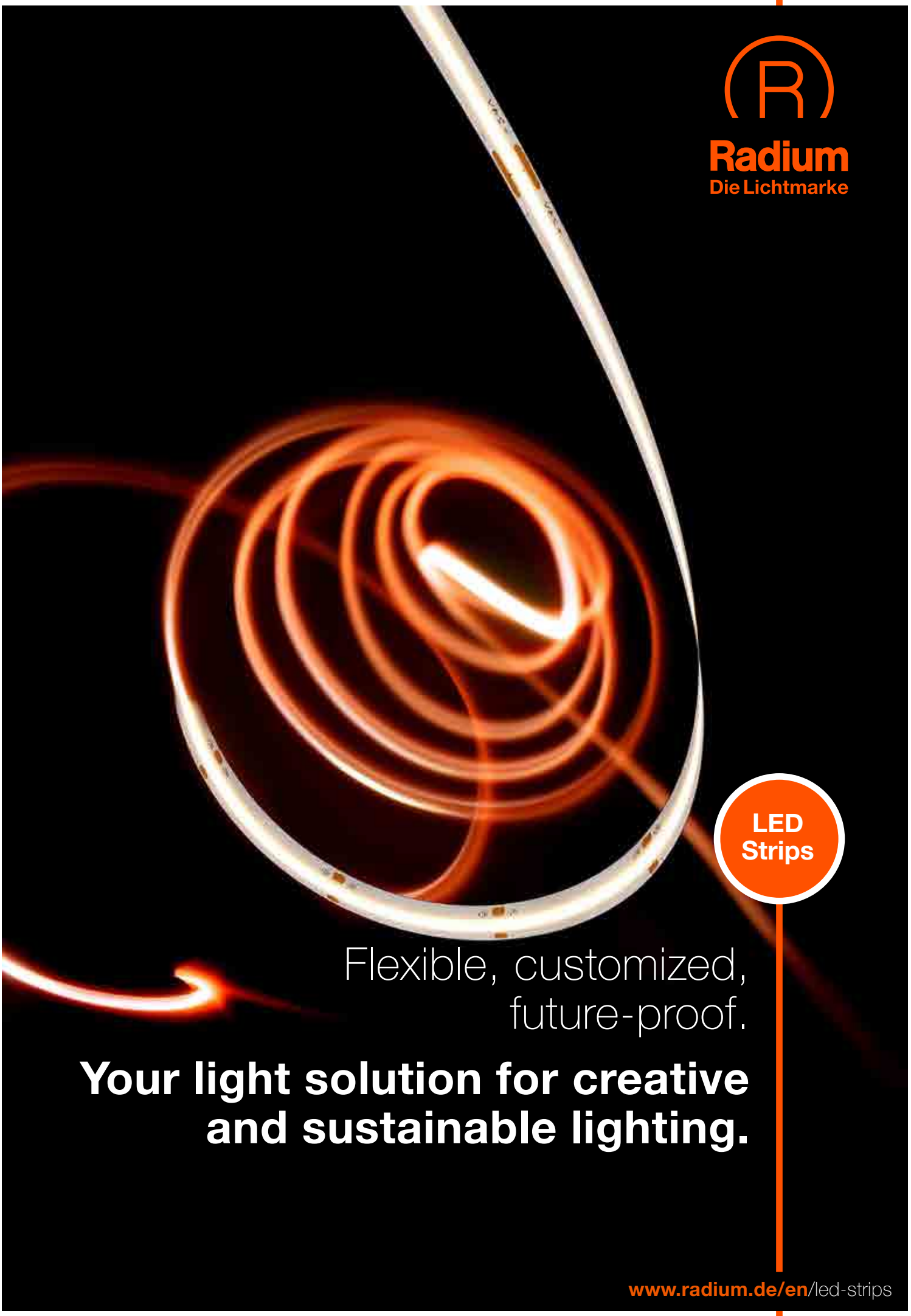
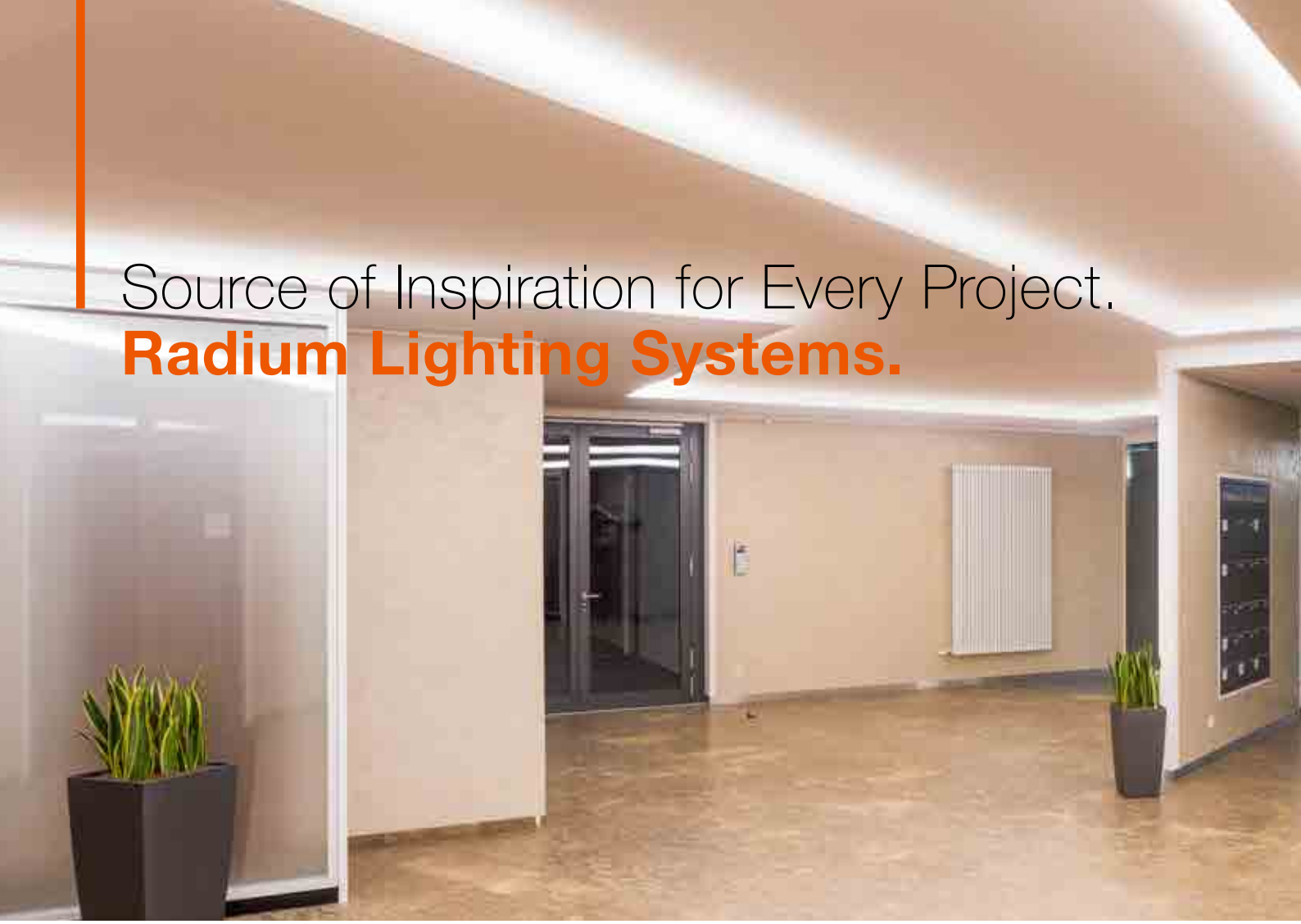

Radium
Die Lichtmarke
LED
Strips
Flexible, customized,
future-proof.
Your light solution for creative
and sustainable lighting.
www.radium.de/en/led-strips



Source of Inspiration for Every Project.
Radium Lighting Systems.

Flexible linear lighting systems

Linear lighting systems play an increasingly important role in modern lighting. The seamless light lines open up extremely versatile designs due to the variable adaptation to a wide variety of application areas. In addition, LED strips are significantly more efficient than fluorescent lamps and neon tubes and reduce energy and maintenance costs sustainably.

Get to know the Radium LED Strip systems and let the excellent quality of our products convince you!

Efficient Allrounders

Radium LED Strips will enable you staging your rooms optimally. As effective direct lighting, they elegantly provide uniform, high-quality light. By means of indirect lighting, the LED strips set decorative highlights and create a cozy atmosphere. Radium LED Strips do not only convince indoors, but also in outdoor applications: thanks to their protection class, our robust, waterproof LED strips also demonstrate durability and reliable functionality outdoors. With the accompanying wide range of accessories, the lighting systems can be optimally accommodated to the application and easily installed. Whether LED strip, LED driver, aluminum profile, cover or mounting accessories – obtaining from us means: you get everything from one source.

Application examples:
- Architectural lighting
- Department stores
- Hotels, restaurants, bars
- Meeting rooms, foyers, entrance halls
- Effective outdoor lighting

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„Flexible LED Strips from Radium are the perfect allround solution for modern lighting requirements.“

LED Strips for Future-proof Projects.
Light in all its Facets.

Eye-catcher by modern lighting design

Today, modern LED lighting does not just provide brightness, but also takes on a whole lot of other tasks. Pleasantly homogeneous light has an aesthetic effect and fills every room with life. Forming of shadows is deliberately reduced. This creates a particularly uniform lighting atmosphere. And thanks to luminaires becoming slimmer and slimmer light sources stay modestly in the background. Their simple yet stylish look is supported by modern aluminum profiles or whole LED luminaires which disappear completely into coves, between shelves or showcases.

Form and functionality in harmony

With LED Strips from Radium you can design projects of all kinds individually and flexibly. Thanks to their compact design, you can also find space in slim luminaires or narrow coves. This freedom of design enables you to set up elegant systems that are easy to install and connect. For outdoor installations no special devices are required, but they are also open to creative solutions.

Wide portfolio for versatile applications

Digital lighting is increasingly becoming a multifunctional design tool. Whether simple white lighting in different light colours or coloured light through RGB and RGBW technology, everything is possible. Tunable white and WarmDIM modules in combination with the appropriate light control create the perfect prerequisite for individual light colours with the best light quality. With a programmed course of daylight, the light can have an optimal effect on the human biorhythm. Solutions like this are used in Human Centric Lighting (HCL) concepts and thus make an important contribution to wellbeing, motivation and the ability to concentrate.

Full focus on good lighting.

You get matching plastic covers with a clear or matt surface for each profile. The professional covers do not only look good, they also ensure a fine light distribution with high efficiency.

Properly supplied – granted.

In the Radium portfolio you will find the right LED drivers for optimal operation of the LED modules and smart lighting control for demanding projects

Design, protection and cooling.

Our aluminum profiles are ideal for use with LED modules and offer a wide range of applications and design options.

Brilliant light, efficient and versatile.

The heart of the lighting solution is the LED module. Our broad portfolio does not leave anything to be desired for professional users. And in order to make the installation quick and easy, it would be best to order the fitting accessories in one go.

Ceiling installation for basic lighting and as stylish decorative lighting
Design Advanced Rooms.
By Targeted Use of LED Strips.
Ceiling coves for indirect lighting
Back-lighting for decorative accentuation
Back-lighting for accentuation or for advertising purposes
Cabinet / Showcase lighting for decorative accentuation
Under-surface lighting for decorative accentuation

Wall coves
for indirect lighting
Wall-attached mounting
for decorative lighting
Wire suspension
for basic lighting
Under-surface lighting
for decorative accent lighting
Orientation light for decorative and functional lighting in one go

Plan Ahead, Implement Efficiently.

LED Strips as Full Reels or Tailor-made System.

Flexible LED Strips from Radium offer an extremely wide range of possible applications. But Radium also offers maximum flexibility in terms of scope of delivery to you: With either 5M Reels, 30M or 50M Big Reels and our customer-specific Individual Cut solutions, you are always well prepared for the wishes and requirements of your customers.

LED Strips for every need

The portfolio of LED Star Strips makes each type available in three shipping options. In addition to our standard reels with 5 meters, you can also get extra long modules with up to 50 meters on a reel. When waterproof modules are needed, best let them be assembled by us, which saves time for you and you will get guaranteed quality directly from the manufacturer.

Use our online configurator for LED Strips to plan your projects at www.radium.de/en/ledstrip.

Professional make-to-order and environmental protection

Would you like to reduce your assembly expenses? Then we would be happy to take care of the assembly of the components for you. Our employees will cut the LED strip, profile and cover according to your specifications. Every lighting system we assemble is subjected to a 100% final clearance. We calculate the cutting of the LED strip, profile and cover as well as the glueing-in of the strips as a package price. You can see the respective services on page 11.

In the interest of environmental protection, we pack and ship the components with recyclable materials and try to do it without plastic if possible. So, even accessories such as mounting brackets and end caps are packed in paper bags.

5M Reels

Versatile, extremely energy-efficient and particularly long-lasting: Flexible LED strips are the clever all-round solution for a wide variety of lighting tasks today. So it‘s always good to have the fitting material in stock. With the high-quality 5M Reels from Radium, you can offer sophisticated customers the most modern LED technology for a wide range of applications. The standard market unit ensures both a lower storage risk and less tied-up capital and it also ensures high availability.

Your advantages

5 meter reel
- Customary units of measure
- Low storage risk and high availability

Big construction projects make you think big: You also need bigger numbers of LEDs, therefore, larger reels of LED Strips. With the 50 or 30 meters long Big Reels, Radium offers you the latest LED technology for a variety of tasks – from general lighting to accent lighting – so that you don‘t have to spend a long time searching for the best and most economical lighting solution. And that with little wiring and minimal waste. So you enjoy maximum flexibility on the construction site and are always ready for your next LED lighting project.

Your advantages

50 or 30 meter reel

- Little waste
- Maximum operable length can be used without additional Strip to Strip connectors
- Saves space and packaging material

50/30M Big Reels

Service

SERVICE CUT STRIP
– Cutting the LED Strip to size
– Soldering a cable

SERVICE CUT PROFILE/COVER
– Cutting the profile and cover

SERVICE CUT STRIP/PROFILE/COVER
– Cutting the LED Strip to size
– Soldering a cable
– Cutting the profile and cover

SERVICE CUT AND MOUNT
– Cutting the LED Strip to size
– Soldering a cable
– Cutting the profile and cover
– Mounting accessories and gluing in the LED Strip

Sometimes you just need tailor-made solutions that are a perfect fit for specific requirements. We manufacture flexible LED strips according to your individual length specifications. This enables you to plan important lighting projects particularly economically and precisely and then implement them extremely quickly on the construction site. Your personal contact at Radium will be happy to help you with your next lighting task.

Your advantages

Make-to-order with Radium
– Low installation effort
– Individual cuts
– Professional and ESD-protected processing
– 100% final inspection including functional test of the assembly

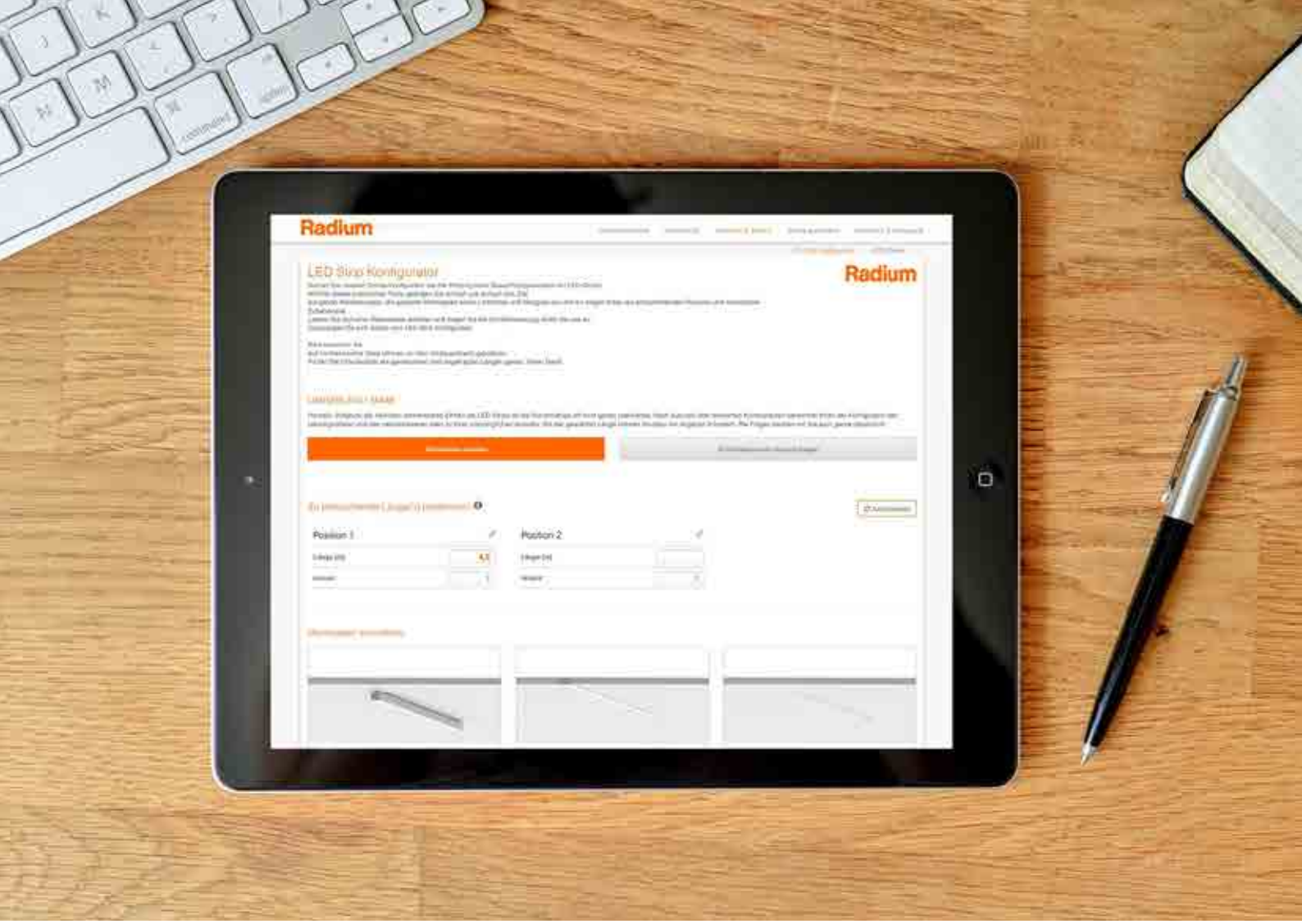
Note: The cable length is 0.5m as standard. Other lengths are available upon request.

Plan Projects Online.
The LED Strip Configurator.

Use our online configurator when planning your lighting project with LED Strips! With this convenient tool, you can reach your target quickly and easily.

You enter the dimensions, the planned type of installation as well as light colour and brightness and we show you the corresponding products and compatible accessories.

Get a material list and ask us about the assembly. Let yourself be convinced by the LED Strip Configurator at www.radium.de/en/ledstrip.



„Efficient, flexible planning for your lighting project. It‘s so easy with the Radium LED Strip Configurator. “

Innovative Lighting Design.
Realized with Radium.

The exterior facade of the ‚Green Building', an office building in Hanau, was highlighted in a spectacular light by means of waterproof RGB Strips. The strips were glued into a profile that was powder-coated in the colour of the building at the customer's request. Further, it was possible to attach it to the facade using specially manufactured mounting brackets. The lighting system is controlled via a complex DMX control system, with which each window section can be controlled individually and time-dependent scenes and sequences can be stored.

LED STRIP 500 S RGB/24V/IP67 (page 38)

PROFILE SMALL U 17.3/16/B1C1 (page 60–61)

COVER SMALL F 16.4/4/C1 (page 75)

DRIVER DALI/DMX 4CH 150W/24V IP20 (page 84)

Butler XT2 (Control gear)

When planning the lighting of the foyer, focus was on homogeneity. Different coves in the entire entrance area of the office building ensure uniform illumination. The indirect lighting was generated by means of an angle profile including diffuse cover, which emits the light of the strips at a 45° angle and so provides for even better distribution in the room.

LED STRIP 900 S 930/24V (page 20)

PROFILE SMALL CORNER 22.8/22.8/B1C1 (page 64–65)

COVER SMALL F 16.4/4/C1 (page 75)

DRIVER FLAT 90W/24V IP20 RADIUM (page 82)

In the VIP area of Messe Düsseldorf, individually controllable accent lighting has been set up, which can be operated intuitively by using a smartphone or tablet. This project was implemented with RGB Strips that were mounted behind diffuse panes. The light lets the panes shine homogeneously in the programmed colours. Now, a Bluetooth Casambi controller makes it possible to store specific colours via password-protected access in order to highlight a customer event in the appropriate light.

LED STRIP 500 S RGB/24V
(page 32)

PROFILE SMALL U 17.3/16/B1C1
(page 60–61)

COVER SMALL F 16.4/4/C1
(page 75)

DRIVER FLAT 250W/24V IP20 RADIUM
(page 82)

BCU PWM4/LR
(page 86)

LED STRIP 2200 S 940/24V
(page 22)

PROFILE MEDIUM WING 40/25.9/B2C2
(page 72-73)

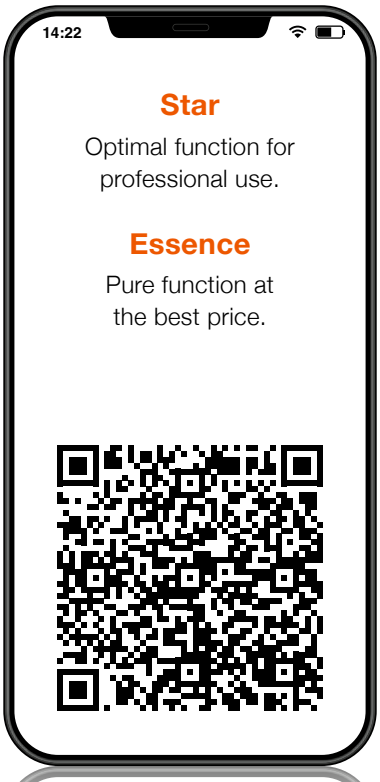
COVER MEDIUM F 26/5/C2
(page 75)

DRIVER DALI/DMX 4CH
150W/24V IP20 (page 84)

Thanks to the linear lighting solution, the conference rooms at Messe Düsseldorf sparkle in a uniform light. At the same time, the bright light of the LED strips provides adequate basic lighting for the rooms. The lighting was installed using an aluminum installation profile that was inserted into the plasterboard ceiling using mounting springs. Due to the symmetrical, linear arrangement of the lighting system, an optically high-quality impression of the entire room is created.

Products.
LED Strips.

Whether indoors or outdoors, whether for general or accent lighting, whether for small, medium or large lighting projects, whether Star or Essence: The flexible LED Strips from Radium are versatile, very durable and extremely energy-efficient. They convince both with high-quality materials and careful processing. And thanks to the small LED spacing, they ensure a homogeneous light distribution everywhere without creating shadows between the individual LEDs.



Product highlights:
- **LED Star Strip ZeroPitch & ZeroPitch Furniture**: page 26
- **LED Star Strip Tunable White**: page 28
- **LED Star Strip WarmDIM**: page 30
- **LED Star Strip RGB and RGBW**: page 32

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LED STRIP 3000 S 927 / 24V / IP67 30M

- **LED STRIP** – Product category
- **3000** – Lumen package:
  - 400
  - 900
  - 1400
  - 2200
  - 3000
  - 1000ZP
  - etc.
- **S** – Segmentation
  - „Star“
  - „Essence“
- **927** – Light colour:
  - 927
  - 930
  - 940
  - 965
  - RGB
  - RGBW
  - TW
  - TWW
  - WD
- **24V** – Mains voltage in volts (V)
- **IP67** – IP protection:
  - IP67
  - IP66
  - omitted for non-protected strips
- **30M** – Length of the strips in meters (m):
  - 3M
  - 5M
  - 30M
  - 50M
  - IND

LED Star Strip 400 and 900

Product features:
- Very long lifespan: **60,000 h L80B50**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- High colour consistency: **SDCM <3**
- Very high efficiency of up to **162 lm/W**

Advantages:
- Long max. operable length: up to 18 m, without loss of luminous flux thanks to IC and high copper content in PCB
- Centimeter scale on the LED strip
- Particularly large soldering pads
- Homogeneous light with up to **160 LEDs per meter**

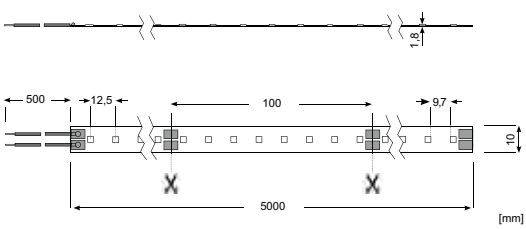
1

2

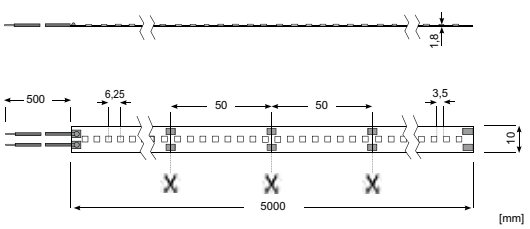
			W/m	lm/m	LEDs/m		mm			pcs.
LED Star Strip 400										
1	RSTA4585	**LED STRIP 400 S 927/24V 5M**	2.8	415	80		12.5	D	2	10
1	RSTA4595	**LED STRIP 400 S 930/24V 5M**	2.8	430	80		12.5	D	2	10
1	RSTA4605	**LED STRIP 400 S 940/24V 5M**	2.8	450	80		12.5	D	2	10
1	RSTA4615	**LED STRIP 400 S 965/24V 5M***	2.8	445	80		12.5	D	2	10
LED Star Strip 900										
2	RSTA4625	**LED STRIP 900 S 927/24V 5M**	5.6	840	160		6.3	D	2	10
2	RSTA4635	**LED STRIP 900 S 930/24V 5M**	5.6	870	160		6.3	D	2	10
2	RSTA4645	**LED STRIP 900 S 940/24V 5M**	5.6	915	160		6.3	D	2	10
2	RSTA4655	**LED STRIP 900 S 965/24V 5M***	5.6	905	160		6.3	D	2	10

* LED strips with color temperature 6500 K available on request, only.

	Available lengths	mm	Max m	5 m article no.	50 m article no.	X m article no.
1	**LED STRIP 400 S 927/24V**	100	18	RSTA4585	RSTA4580	RSTA4581
1	**LED STRIP 400 S 930/24V**	100	18	RSTA4595	RSTA4590	RSTA4591
1	**LED STRIP 400 S 940/24V**	100	18	RSTA4605	RSTA4600	RSTA4601
1	**LED STRIP 400 S 965/24V***	100	18	RSTA4615	RSTA4610	RSTA4611
2	**LED STRIP 900 S 927/24V**	50	13	RSTA4625	RSTA4620	RSTA4621
2	**LED STRIP 900 S 930/24V**	50	13	RSTA4635	RSTA4630	RSTA4631
2	**LED STRIP 900 S 940/24V**	50	13	RSTA4645	RSTA4640	RSTA4641
2	**LED STRIP 900 S 965/24V***	50	13	RSTA4655	RSTA4650	RSTA4651



1



2

Feed-in connector for LED Strips

STRIP CON
2PIN 10MM/50CM
FXZA4461

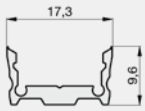
Strip-to-Strip connector

STRIP CABLE BRIDGE
2PIN 10MM/5CM 4PCS
FXZA4510

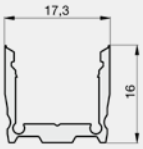
Please refer to page 54 for further product information.

Profiles

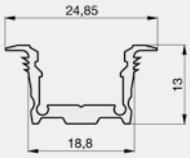
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M
TRPA2511



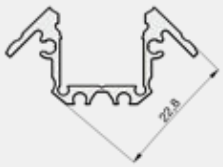
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



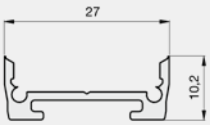
PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



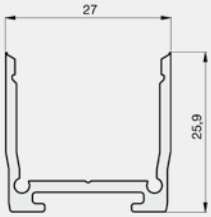
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



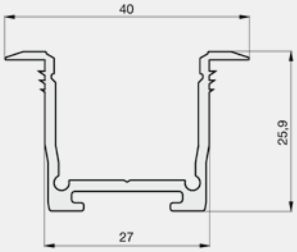
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M
TRPA2551



PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



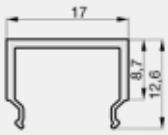
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



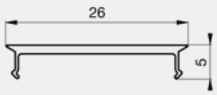
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

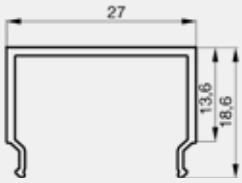
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

Power Supply

Not dimmable

DRIVER FLAT 36W/24V
IP20 RADIUM
OTNA3102

LED Star Strip 400	12.8 m
LED Star Strip 900	6.4 m

Dimmable Phasecut

DRIVER PHASECUT 36W/24V
IP20 RADIUM
OTDA4077

LED Star Strip 400	12.8 m
LED Star Strip 900	6.4 m

Dimmable DALI

DRIVER DALI 1CH 36W/24V
IP20 RADIUM
OTDA4070

LED Star Strip 400	12.8 m
LED Star Strip 900	6.4 m

Dimmable Casambi (Bluetooth)

DRIVER BT 1CH 35W/24V
IP20
OTDA2443

LED Star Strip 400	12.5 m
LED Star Strip 900	6.2 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

LED Star Strip 1400 and 2200

Product features:
- Very long lifespan: **60,000 h L80B50**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- High colour consistency: **SDCM <3**
- Very high efficiency of up to **164 lm/W**

Advantages:
- Long max. operable length without loss of luminous flux thanks to IC and high copper content in PCB
- Centimeter scale on the LED strip
- Particularly large soldering pads
- Homogeneous light with **160 LEDs per meter**

1

LED Star Strip 1400

			W/m	lm/m	LEDs/m		mm			pcs.
1	RSTA4665	**LED STRIP 1400 S 927/24V 5M**	9.0	1375	160		6.3	D	2	10
1	RSTA4675	**LED STRIP 1400 S 930/24V 5M**	9.0	1420	160		6.3	D	2	10
1	RSTA4685	**LED STRIP 1400 S 940/24V 5M**	9.0	1490	160		6.3	D	2	10
1	RSTA4695	**LED STRIP 1400 S 965/24V 5M***	9.0	1475	160		6.3	D	2	10

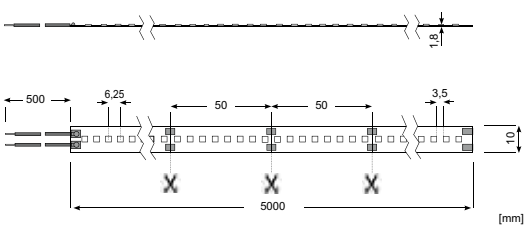
LED Star Strip 2200

1	RSTA4705	**LED STRIP 2200 S 927/24V 5M**	14	2100	160		6.3	D	2	10
1	RSTA4715	**LED STRIP 2200 S 930/24V 5M**	14	2150	160		6.3	D	2	10
1	RSTA4725	**LED STRIP 2200 S 940/24V 5M**	14	2250	160		6.3	D	2	10
1	RSTA4735	**LED STRIP 2200 S 965/24V 5M***	14	2230	160		6.3	D	2	10

Note: For appropriate operation of the LED Strip, an aluminum profile is required for cooling.
* LED strips with color temperature 6500 K available on request, only.

Available lengths

		mm	m	5 m article no.	50 m article no.	X m article no.
1	**LED STRIP 1400 S 927/24V**	50	10	RSTA4665	RSTA4660	RSTA4661
1	**LED STRIP 1400 S 930/24V**	50	10	RSTA4675	RSTA4670	RSTA4671
1	**LED STRIP 1400 S 940/24V**	50	10	RSTA4685	RSTA4680	RSTA4681
1	**LED STRIP 1400 S 965/24V***	50	10	RSTA4695	RSTA4690	RSTA4691
1	**LED STRIP 2200 S 927/24V**	50	7	RSTA4705	RSTA4700	RSTA4701
1	**LED STRIP 2200 S 930/24V**	50	7	RSTA4715	RSTA4710	RSTA4711
1	**LED STRIP 2200 S 940/24V**	50	7	RSTA4725	RSTA4720	RSTA4721
1	**LED STRIP 2200 S 965/24V***	50	7	RSTA4735	RSTA4730	RSTA4731



1

Feed-in connector for LED Strips

STRIP CON
2PIN 10MM/50CM
FXZA4461

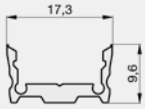
Strip to strip connector

STRIP CABLE BRIDGE
2PIN 10MM/5CM 4PCS
FXZA4510

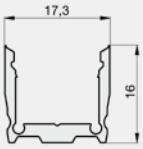
Please refer to page 54 for further product information.

Profiles

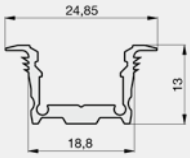
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M
TRPA2511



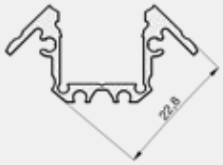
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



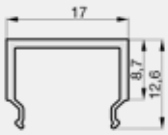
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



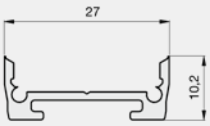
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

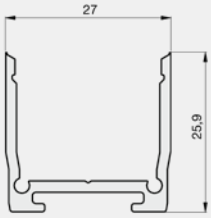
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



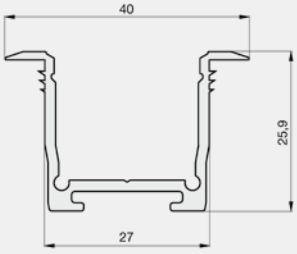
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M
TRPA2551



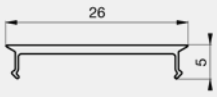
PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



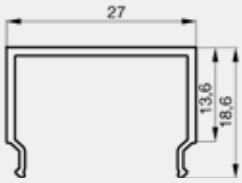
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

Power Supply

Not dimmable

DRIVER FLAT 60W/24V
IP20 RADIUM
OTNA3103

Max

LED Star Strip 1400	6.6m
LED Star Strip 2200	4.2 m

Dimmable Phasecut

DRIVER PHASECUT 75W/24V
IP20 RADIUM
OTDA3026

Max

LED Star Strip 1400	8.3 m
LED Star Strip 2200	5.3 m

Dimmable DALI

DRIVER DALI 1CH 75W/24V
IP20 RADIUM
OTDA4071

Max

LED Star Strip 1400	8.3 m
LED Star Strip 2200	5.3 m

Dimmable Casambi (Bluetooth)

DRIVER BT 1CH 60W/24V
IP20
OTDA2444

Max

LED Star Strip 1400	6.6 m
LED Star Strip 2200	4.2 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

LED Star Strip 3000

Product features:
- Very long lifespan: **60,000 h L80B50**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- High colour consistency: **SDCM <3**
- High efficiency of up to **160 lm/W**

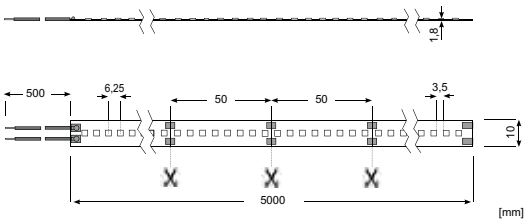
Advantages:
- Long max. operable length without loss of luminous flux thanks to IC and high copper content in PCB
- Centimeter scale on the LED strip
- Particularly large soldering pads
- Homogeneous light with **160 LEDs per meter**

1

	LED Star Strip 3000		W/m	lm/m	LEDs/m		mm			pcs.
1	RSTA4745	**LED STRIP 3000 S 927/24V 5M**	20.0	2920	160		6.3	D	2	10
1	RSTA4755	**LED STRIP 3000 S 930/24V 5M**	20.0	3010	160		6.3	D	2	10
1	RSTA4765	**LED STRIP 3000 S 940/24V 5M**	20.0	3160	160		6.3	D	2	10
1	RSTA4775	**LED STRIP 3000 S 965/24V 5M***	20.0	3130	160		6.3	D	2	10

Note: For appropriate operation of the LED Strip, an aluminum profile is required for cooling.
* LED strips with color temperature 6500 K available on request, only.

	Available lengths	mm	m	5 m article no.	50 m article no.	X m article no.
1	**LED STRIP 3000 S 927/24V**	50	5	RSTA4745	RSTA4740	RSTA4741
1	**LED STRIP 3000 S 930/24V**	50	5	RSTA4755	RSTA4750	RSTA4751
1	**LED STRIP 3000 S 940/24V**	50	5	RSTA4765	RSTA4760	RSTA4761
1	**LED STRIP 3000 S 965/24V***	50	5	RSTA4775	RSTA4770	RSTA4771



1

Feed-in connector for LED Strips

STRIP CON
2PIN 10MM/50CM
FXZA4461

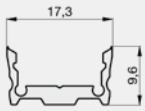
Strip to strip connector

STRIP CABLE BRIDGE
2PIN 10MM/5CM 4PCS
FXZA4510

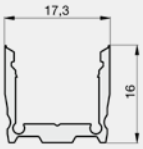
Please refer to page 54 for further product information.

Profiles

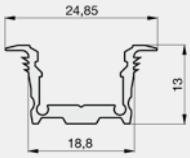
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M
TRPA2511



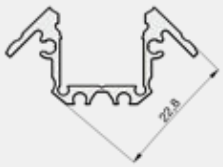
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



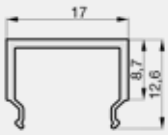
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



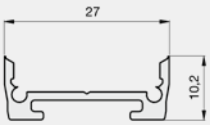
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

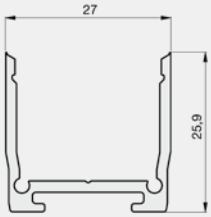
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



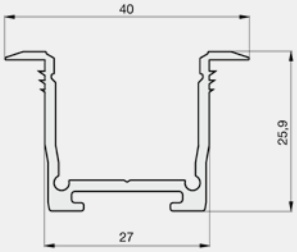
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M
TRPA2551



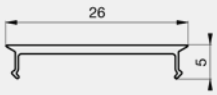
PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



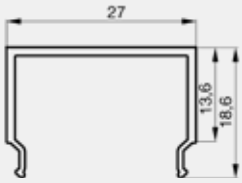
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

Power Supply

Not dimmable

DRIVER FLAT 120W/24V IP20 RADIUM
OTNA3105

Max

LED Star Strip 3000 6.0 m

Dimmable Phasecut

DRIVER PHASECUT 75W/24V IP20 RADIUM
OTDA3026

Max

LED Star Strip 3000 3.7 m

Dimmable DALI

DRIVER DALI 1CH 100W/24V IP20 RADIUM
OTDA4072

Max

LED Star Strip 3000 5.0 m

Dimmable Casambi (Bluetooth)

DRIVER BT 1CH 100W/24V IP20 TRIDONIC
OTDA2445

Max

LED Star Strip 3000 5.0 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

LED Star Strip 1000 ZeroPitch and 400 ZeroPitch Furniture

Product features:
- Very long lifespan: **60,000 h L70B10**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- Wide beam angle: **160°**

Advantages:
- Continuous light line without LED dots
- Perfectly suited for use in super-flat profiles or for furniture installation
- Low glare compared to SMD LEDs

1

2

LED Star Strip 1000 ZeroPitch

			W/m	lm/m	LEDs/m		mm			pcs.
1	RSTA2945	**LED STRIP 1000ZP S 927/24V 5M**	10.0	820	544		-	G	2	10
1	RSTA2955	**LED STRIP 1000ZP S 930/24V 5M**	10.0	900	544		-	G	2	10
1	RSTA2965	**LED STRIP 1000ZP S 940/24V 5M**	10.0	980	544		-	F	2	10
1	RSTA2975	**LED STRIP 1000ZP S 965/24V 5M***	10.0	1000	544		-	F	2	10

LED Star Strip 400 ZeroPitch Furniture

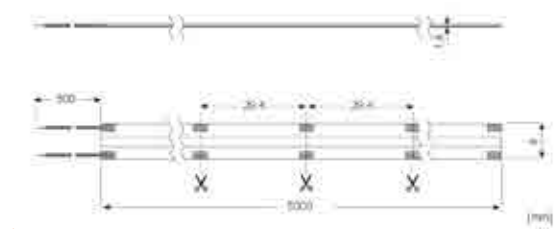
2	RSTA3783	**LED STRIP 400ZPF S 927/24V 3M**	4.5	320	420		-	G	2	10
2	RSTA3793	**LED STRIP 400ZPF S 930/24V 3M**	4.5	350	420		-	G	2	10
2	RSTA3803	**LED STRIP 400ZPF S 940/24V 3M**	4.5	400	420		-	G	2	10

* LED strips with color temperature 6500 K available on request, only.

Available lengths

		Max	5 m**	50 m	X m
		mm	m	article no.	article no.	article no.
1	**LED STRIP 1000ZP S 927/24V**	29.4	5	RSTA2945	RSTA2940	RSTA2941
1	**LED STRIP 1000ZP S 930/24V**	29.4	5	RSTA2955	RSTA2950	RSTA2951
1	**LED STRIP 1000ZP S 940/24V**	29.4	5	RSTA2965	RSTA2960	RSTA2961
1	**LED STRIP 1000ZP S 965/24V***	29.4	5	RSTA2975	RSTA2970	RSTA2971
2	**LED STRIP 400ZPF S 927/24V**	16.7	3	RSTA3783	-	-
2	**LED STRIP 400ZPF S 930/24V**	16.7	3	RSTA3793	-	-
2	**LED STRIP 400ZPF S 940/24V**	16.7	3	RSTA3803	-	-

**Note: 3 meters for LED STRIP 400ZPF



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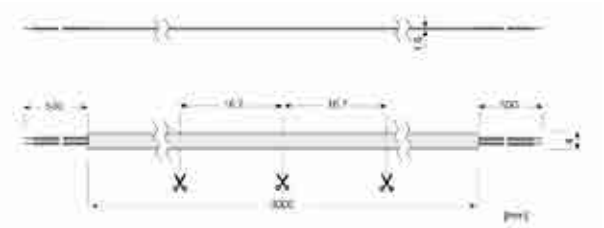


2

Individual Cut

SERVICE CUT STRIP

Our ZeroPitch LED strips are assembled exactly according to your specifications. The individual lengths are delivered with 0.5 m long soldered cable as standard.

For more information on customizing, please refer to page 11.

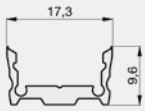
Feed-in connector for LED Strips

STRIP CON 2PIN 8MM/50CM*
FXZA4460

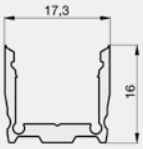
Please refer to page 54 for further product information.
*Note: Not compatible with LED Star Strip ZeroPitch Furniture.

Profiles

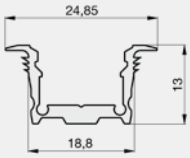
PROFILE SMALL U FLAT 17.3/9.6/B1C1 1M
TRPA2511



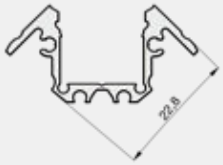
PROFILE SMALL U 17.3/16/B1C1 1M
TRPA2501



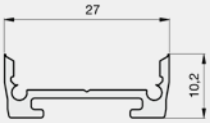
PROFILE SMALL WING 25/13/B1C1 1M
TRPA2521



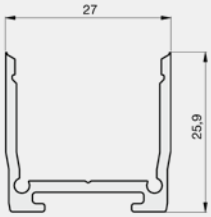
PROFILE SMALL CORNER 22.8/22.8/B1C1 1M
TRPA2531



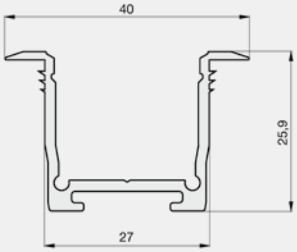
PROFILE MEDIUM U FLAT 27/10.2/B2C2 1M
TRPA2551



PROFILE MEDIUM U 27/25.9/B2C2 1M
TRPA2541



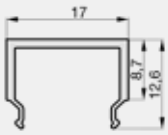
PROFILE MEDIUM WING 40/25.9/B2C2 1M
TRPA2561



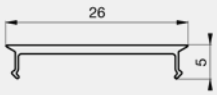
Covers

COVER SMALL F 16.4/4/C1 1M
ZTPA2571

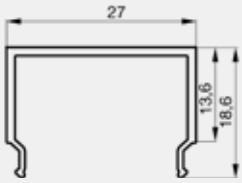
COVER SMALL SQUARE 17/9/C1 1M
ZTPA3111



COVER MEDIUM F 26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE 27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

Power Supply

Not dimmable
DRIVER FLAT 60W/24V IP20 RADIUM
OTNA3103

Max

LED Star Strip

1000 ZeroPitch	6.0 m
400 ZeroPitch Furniture	13.3 m

Dimmable Phasecut
DRIVER PHASECUT 75W/24V IP20 RADIUM
OTDA3026

Max

LED Star Strip

1000 ZeroPitch	7.5 m
400 ZeroPitch Furniture	16.6 m

Dimmable DALI
DRIVER DALI 2CH 75W/24V IP20 RADIUM
OTDA4074

Max

LED Star Strip

1000 ZeroPitch	7.5 m
400 ZeroPitch Furniture	16.6 m

Dimmable Casambi (Bluetooth)
DRIVER BT 1CH 60W/24V IP20 TRIDONIC
OTDA2444

Max

LED Star Strip

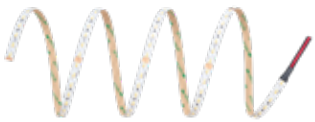
1000 ZeroPitch	6.0 m
400 ZeroPitch Furniture	13.3 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

LED Star Strip 2000 and 3100 Tunable White

Product features 2000 TW:
- Very long lifespan: **60,000 h L70B10**
- Very good colour rendering: **CRI >80**
- Suitable for operation on **24 V DC**
- Variable colour temperature: **Tunable White (2700-6500 K) and Tunable Warmwhite (2200-4000 K)**

Product features 3100 TW:
- Very long lifespan: **60,000 h L80B50**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- Variable colour temperature: **Tunable White (2700-6500 K)**



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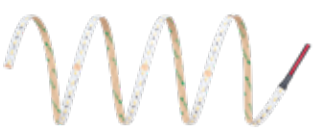


2

LED Star Strip 2000 Tunable White

			W/m	lm/m	LEDs/m		mm			pcs.
1	RSTA2205	**LED STRIP 2000 S TWW/24V 5M**	19.2	1950	140		14.3	F	3	10
1	RSTA2195	**LED STRIP 2000 S TW/24V 5M**	19.2	2020	140		14.3	F	3	10

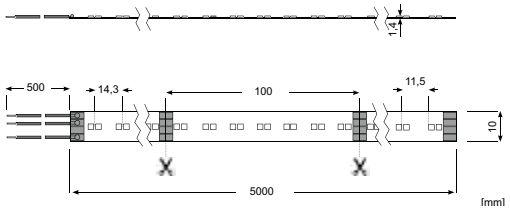
LED Star Strip 3100 Tunable White

2	RSTA4785	**LED STRIP 3100 S TW/24V 5M**	20.5	3100	160		12.5	D	3	10

Note: For appropriate operation of the LED Strip, an aluminum profile is required for cooling.

Available lengths

		mm	Max m	5 m article no.	50 m article no.	X m article no.
1	**LED STRIP 2000 S TWW/24V**	100	7	RSTA2205	RSTA2200	RSTA2201
1	**LED STRIP 2000 S TW/24V**	100	7	RSTA2195	RSTA2190	RSTA2191
2	**LED STRIP 3100 S TW/24V**	100	5	RSTA4785	RSTA4780	RSTA4781



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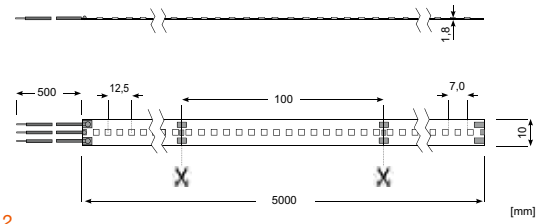


2

Individual Cut

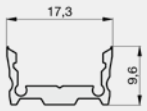
SERVICE CUT STRIP

Our Tunable White LED Strip will be assembled centimetre-precise according to your specifications. The individual lengths are delivered with 0.5 m long soldered cable as standard.

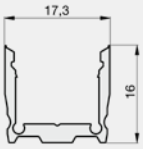
For more information on customizing, please refer to page 11.

Profiles

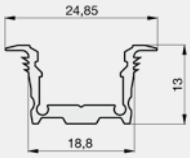
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M
TRPA2511



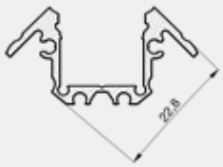
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



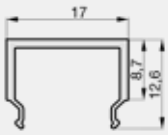
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



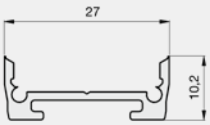
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

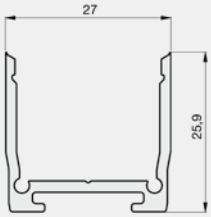
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



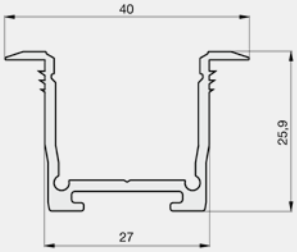
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M
TRPA2551



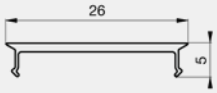
PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



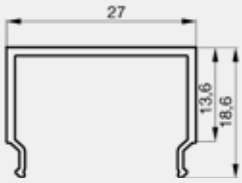
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

Power Supply

Dimmable DALI

DRIVER DALI 2CH 75W/24V IP20 RADIUM
OTDA4074

	Max
LED Star Strip 2000 TW	3.9 m
LED Star Strip 2000 TWW	3.9 m
LED Star Strip 3100 TW	3.6 m

Dimmable DALI

DRIVER DALI 2CH 150W/24V IP20 RADIUM
OTDA4075

	Max
LED Star Strip 2000 TW	7.8 m
LED Star Strip 2000 TWW	7.8 m
LED Star Strip 3100 TW	7.3 m

Control Units

Light control Zigbee*

DIMMER ZIGBEE 5CH 480W/12-24V IP20
LMZA4000

	Max
LED Star Strip 2000 TW	25.0 m
LED Star Strip 2000 TWW	25.0 m
LED Star Strip 3100 TW	23.4 m

Light control Casambi (PWM4)*

CBU-PWM4-LR

LMBA4969

	Max
LED Star Strip 2000 TW	7.5 m
LED Star Strip 2000 TWW	7.5 m
LED Star Strip 3100 TW	7.0 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

*Note: A 24V DC LED driver is required for operation.

LED Star Strip 900 and 1500 WarmDIM

Product features:
- Very long lifespan: **60,000 h L70B10**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- High colour consistency: **SDCM <3**

Advantages:
- Automatic adaption of lighting mood while dimming down
- Warm white light at 100% and super warm white light, when dimmed (4000–1900 K / 3000–1900 K)
- No need for two-channel DALI dimmer or any other control unit
- Optimized dimming curve for an accurate transition

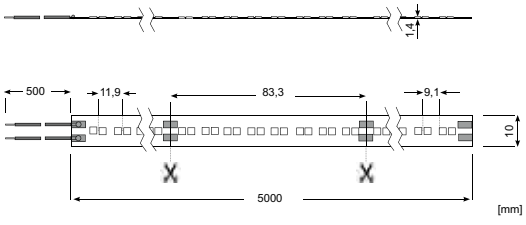
1

LED Star Strip 900 and 1500 WarmDIM

			W/m	lm/m	LEDs/m		mm			pcs.
1	RSTA2905	**LED STRIP 900WD S 930-919/24V 5M**	10.0	890	168		11.9	G	2	10
1	RSTA2915	**LED STRIP 900WD S 940-919/24V 5M**	10.0	950	168		11.9	F	2	10
1	RSTA2925	**LED STRIP 1500WD S 930-919/24V 5M**	14.4	1410	168		11.9	F	2	10
1	RSTA2935	**LED STRIP 1500WD S 940-919/24V 5M**	14.4	1500	168		11.9	F	2	10

Available lengths

		mm	m	5 m article no.	50 m article no.	X m article no.
1	**LED STRIP 900WD S 930-919/24V**	83.3	5	RSTA2905	RSTA2900	RSTA2901
1	**LED STRIP 900WD S 940-919/24V**	83.3	5	RSTA2915	RSTA2910	RSTA2911
1	**LED STRIP 1500WD S 930-919/24V**	83.3	5	RSTA2925	RSTA2920	RSTA2921
1	**LED STRIP 1500WD S 940-919/24V**	83.3	5	RSTA2935	RSTA2930	RSTA2931



1

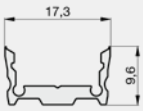
Feed-in connector for LED Strips

STRIP CON 2PIN 10MM/50CM
FXZA4461

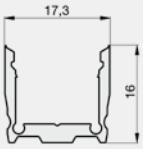
Please refer to page 54 for further product information.

Profiles

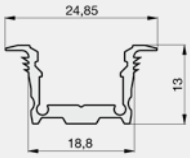
PROFILE SMALL U FLAT 17.3/9.6/B1C1 1M
TRPA2511



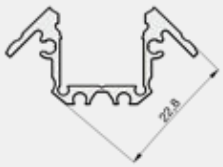
PROFILE SMALL U 17.3/16/B1C1 1M
TRPA2501



PROFILE SMALL WING 25/13/B1C1 1M
TRPA2521



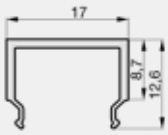
PROFILE SMALL CORNER 22.8/22.8/B1C1 1M
TRPA2531



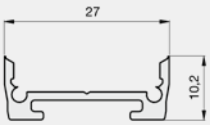
Covers

COVER SMALL F 16.4/4/C1 1M
ZTPA2571

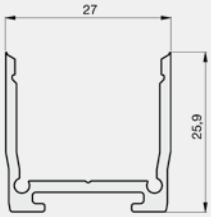
COVER SMALL SQUARE 17/9/C1 1M
ZTPA3111



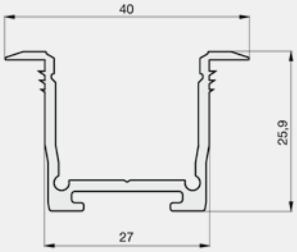
PROFILE MEDIUM U FLAT 27/10.2/B2C2 1M
TRPA2551



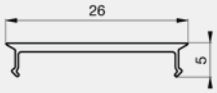
PROFILE MEDIUM U 27/25.9/B2C2 1M
TRPA2541



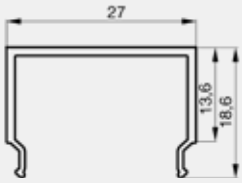
PROFILE MEDIUM WING 40/25.9/B2C2 1M
TRPA2561



COVER MEDIUM F 26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE 27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

Power Supply

Dimmable Phasecut

DRIVER PHASECUT 75W/24V IP20 RADIUM
OTDA3026

Max

LED Star Strip	
900 WarmDIM	7.5 m
1500 WarmDIM	5.2 m

Dimmable DALI

DRIVER DALI 1CH 100W/24V IP20
OTDA4072

Max

LED Star Strip	
900 WarmDIM	10.0 m
1500 WarmDIM	6.9 m

Dimmable Casambi (Bluetooth)

DRIVER BT 1CH 100W/24V IP20 TRIDONIC
OTDA2445

Max

LED Star Strip	
900 WarmDIM	10.0 m
1500 WarmDIM	6.9 m

Control Unit

Light control Casambi (PWM4)*

CBU-PWM4-LR

LMBA4969

Max

LED Star Strip	
900 WarmDIM	14.4 m
1500 WarmDIM	10.0 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

*Note: A 24V DC LED driver is required for operation.

LED Star Strip 500 RGB and 700 RGBW

Product features:
- Long lifespan: **30,000 h L70B10**
- Dynamic coloured light due to RGB LEDs
- Suitable for operation on **24 V DC**
- Optimal function with multi-channel LED dimmers

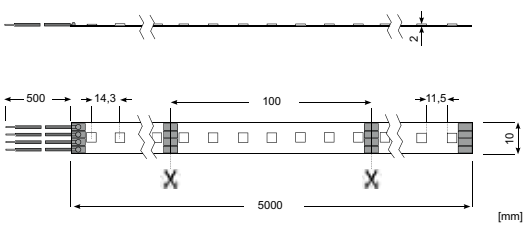
1

2

			W/m	lm/m	LEDs/m		mm		pcs.
LED Star Strip 500 RGB									
1	RSTA2175	**LED STRIP 500 S RGB/24V 5M***	14.4	560	70		14.3	4	10
LED Star Strip 700 RGBW									
2	RSTA2185	**LED STRIP 700 S RGBW/24V 5M**	12.0	700	70		14.3	5	10

*Note: For appropriate operation of the LED Strip, an aluminum profile is required for cooling.

	Available lengths	mm	Max m	5 m article no.	50 m article no.	X m article no.
1	**LED STRIP 500 S RGB/24V**	100	7	RSTA2175	RSTA2170	RSTA2171
2	**LED STRIP 700 S RGBW/24V**	100	8	RSTA2185	RSTA2180	RSTA2181



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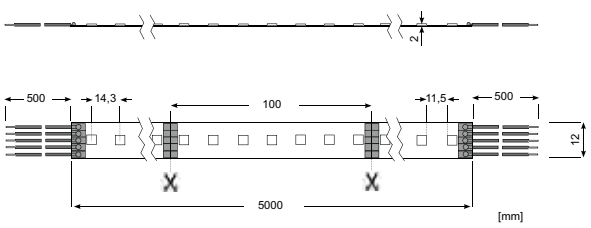


2

Feed-in connector for LED Strips

STRIP CON CP
4PIN 10MM/50CM*
FXZA2471

Strip to strip connector

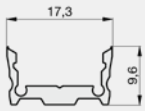
STRIP CABLE BRIDGE CP
4PIN 10MM/5CM*
FXZA2478

STRIP BRIDGE CP
4PIN 10MM*
FXZA2476

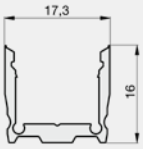
Please refer to page 54 for further product information.
*Note: Not compatible with LED Star Strip 700 RGBW. Accessory compatibility on page 56-57.

Profiles

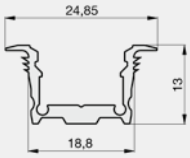
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M
TRPA2511



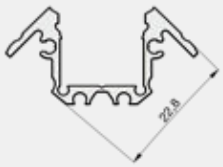
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



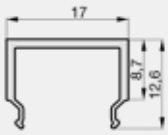
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



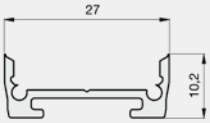
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

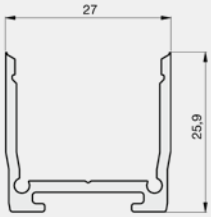
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



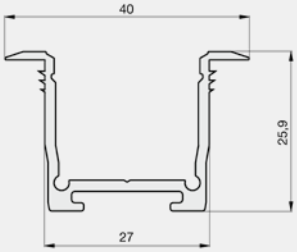
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M
TRPA2551



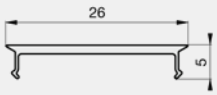
PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



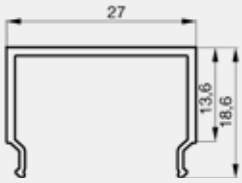
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

Power Supply

Dimmable DALI/DMX

DRIVER DALI/DMX 4CH 150W/24V
IP20 RADIUM
OTDA4076

Max

LED Star Strip

500 RGB	10.4 m
700 RGBW	12.5 m

Control Units

Light control Zigbee*

DIMMER ZIGBEE 5CH
480W/12-24V IP20
LMZA4000

Max

LED Star Strip

500 RGB	19.0 m
700 RGBW	24.0 m

Light control Casambi (PWM4)*

CBU-PWM4-LR

LMBA4969

Max

LED Star Strip

500 RGB	10.0 m
700 RGBW	12.0 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.
*Note: A 24V DC LED driver is required for operation.

LED Star Strip 400 and 800 Waterproof

Product features:
- Very long lifespan: **60,000 h L80B50**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- High degree of protection thanks to high-quality silicone encapsulation: **IP67**
- Very high efficiency of up to **147 lm/W**

Advantages:
- Long max. operable length without loss of luminous flux thanks to IC and high copper content in PCB
- Homogeneous light with **160 LEDs per meter**
- Protection against UV radiation, chlorine and common cleaning agents

1

2

LED Star Strip 400 Waterproof

			W/m	lm/m	LEDs/m		mm			pcs.
1	RSTA4795	**LED STRIP 400 S 927/24V/IP67 5M**	2.8	375	80		12.5	E	2	10
1	RSTA4805	**LED STRIP 400 S 930/24V/IP67 5M**	2.8	390	80		12.5	E	2	10
1	RSTA4815	**LED STRIP 400 S 940/24V/IP67 5M**	2.8	405	80		12.5	E	2	10
1	RSTA4825	**LED STRIP 400 S 965/24V/IP67 5M***	2.8	400	80		12.5	E	2	10

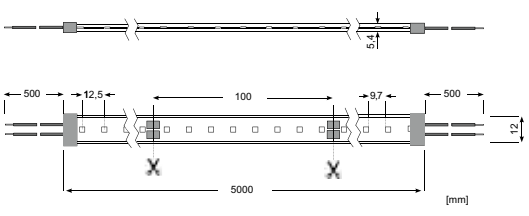
LED Star Strip 800 Waterproof

2	RSTA4835	**LED STRIP 800 S 927/24V/IP67 5M**	5.6	755	160		6.3	E	2	10
2	RSTA4845	**LED STRIP 800 S 930/24V/IP67 5M**	5.6	780	160		6.3	E	2	10
2	RSTA4855	**LED STRIP 800 S 940/24V/IP67 5M**	5.6	825	160		6.3	D	2	10
2	RSTA4865	**LED STRIP 800 S 965/24V/IP67 5M***	5.6	815	160		6.3	E	2	10

* LED strips with color temperature 6500 K available on request, only.

Available lengths

		mm	m	5 m article no.	30 m article no.	X m article no.
1	**LED STRIP 400 S 927/24V/IP67**	100	18	RSTA4795	RSTA4790	RSTA4791
1	**LED STRIP 400 S 930/24V/IP67**	100	18	RSTA4805	RSTA4800	RSTA4801
1	**LED STRIP 400 S 940/24V/IP67**	100	18	RSTA4815	RSTA4810	RSTA4811
1	**LED STRIP 400 S 965/24V/IP67***	100	18	RSTA4825	RSTA4820	RSTA4821
2	**LED STRIP 800 S 927/24V/IP67**	50	13	RSTA4835	RSTA4830	RSTA4831
2	**LED STRIP 800 S 930/24V/IP67**	50	13	RSTA4845	RSTA4840	RSTA4841
2	**LED STRIP 800 S 940/24V/IP67**	50	13	RSTA4855	RSTA4850	RSTA4851
2	**LED STRIP 800 S 965/24V/IP67***	50	13	RSTA4865	RSTA4860	RSTA4861



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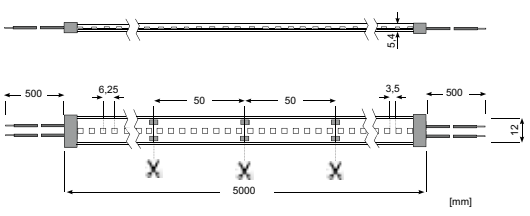


2

Individual Cut

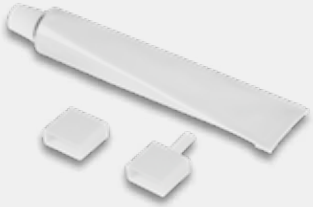
SERVICE CUT STRIP

We would be happy to assemble our waterproof LED-Strips according to your specifications. The individual lengths are supplied with an IP67 cable on every one of both ends.

For more information on customizing, please refer to page 11.

Accessories for waterproof strips

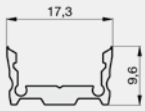
(A corresponding number of end caps and accessories are included with the waterproof LED Strips)



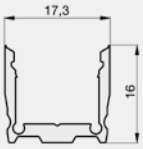
Please refer to page 54 for further product information.

Profiles

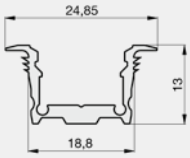
PROFILE SMALL U FLAT 17.3/9.6/B1C1 1M*
TRPA2511



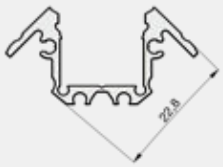
PROFILE SMALL U 17.3/16/B1C1 1M
TRPA2501



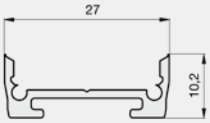
PROFILE SMALL WING 25/13/B1C1 1M
TRPA2521



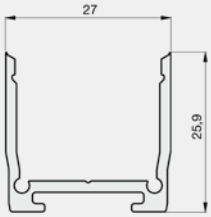
PROFILE SMALL CORNER 22.8/22.8/B1C1 1M
TRPA2531



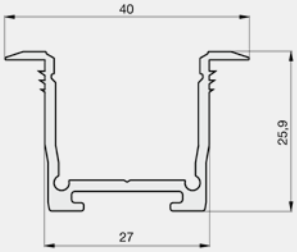
PROFILE MEDIUM U FLAT 27/10.2/B2C2 1M*
TRPA2551



PROFILE MEDIUM U 27/25.9/B2C2 1M
TRPA2541



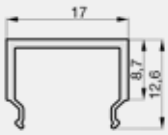
PROFILE MEDIUM WING 40/25.9/B2C2 1M
TRPA2561



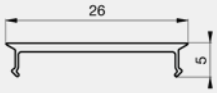
Covers

COVER SMALL F 16.4/4/C1 1M
ZTPA2571

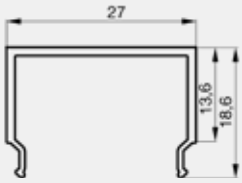
COVER SMALL SQUARE 17/9/C1 1M
ZTPA3111



COVER MEDIUM F 26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE 27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

*Only compatible with waterproof LED Strips without cover.

Power Supply

Not dimmable

DRIVER 75W/24V IP67
MeanWell
OTNA2450

Max

LED Star Strip 400 IP67	26.7 m
LED Star Strip 800 IP67	13.3 m

Dimmable 1-10V

DRIVER 1-10V 20W/24V
IP66 OSRAM
OTDA2424

Max

LED Star Strip 400 IP67	7.1 m
LED Star Strip 800 IP67	3.5 m

Dimmable DALI

DRIVER DALI 4CH 100W/24V
IP67
OTDA4107

Max

LED Star Strip 400 IP67	35.7 m
LED Star Strip 800 IP67	17.8 m

Dimmable Casambi (Bluetooth)

DRIVER BT 1CH 35W/24V
IP20
OTDA2443

Max

LED Star Strip 400 IP67	12.5 m
LED Star Strip 800 IP67	6.2 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

LED Star Strip 1300 and 2000 Waterproof

Product features:
- Very long lifespan: **60,000 h L80B50**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- High degree of protection thanks to high-quality silicone encapsulation: **IP67**
- Very high efficiency of up to **149 lm/W**

Advantages:
- Long max. operable length without loss of luminous flux thanks to IC and high copper content in PCB
- Homogeneous light with **160 LEDs per meter**
- Protection against UV radiation, chlorine and common cleaning agents

1

LED Star Strip 1300 Waterproof

			W/m	lm/m	LEDs/m		mm			pcs.
1	RSTA4875	**LED STRIP 1300 S 927/24V/IP67 5M**	9.0	1240	160		6.3	E	2	10
1	RSTA4885	**LED STRIP 1300 S 930/24V/IP67 5M**	9.0	1280	160		6.3	E	2	10
1	RSTA4895	**LED STRIP 1300 S 940/24V/IP67 5M**	9.0	1340	160		6.3	D	2	10
1	RSTA4905	**LED STRIP 1300 S 965/24V/IP67 5M***	9.0	1330	160		6.3	D	2	10

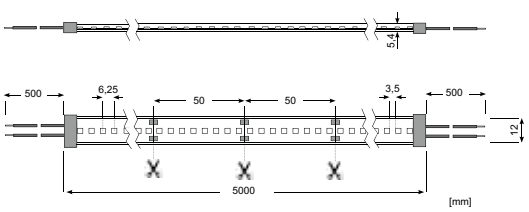
LED Star Strip 2000 Waterproof

1	RSTA4915	**LED STRIP 2000 S 927/24V/IP67 5M**	14.0	1890	160		6.3	E	2	10
1	RSTA4925	**LED STRIP 2000 S 930/24V/IP67 5M**	14.0	1935	160		6.3	E	2	10
1	RSTA4935	**LED STRIP 2000 S 940/24V/IP67 5M**	14.0	2025	160		6.3	E	2	10
1	RSTA4945	**LED STRIP 2000 S 965/24V/IP67 5M***	14.0	2010	160		6.3	E	2	10

Note: For appropriate operation of the LED Strip, an aluminum profile is required for cooling.
* LED strips with color temperature 6500 K available on request, only.

Available lengths

		Max	5 m	30 m	X m
		mm	m	article no.	article no.	article no.
1	**LED STRIP 1300 S 927/24V/IP67**	50	10	RSTA4875	RSTA4870	RSTA4871
1	**LED STRIP 1300 S 930/24V/IP67**	50	10	RSTA4885	RSTA4880	RSTA4881
1	**LED STRIP 1300 S 940/24V/IP67**	50	10	RSTA4895	RSTA4890	RSTA4891
1	**LED STRIP 1300 S 965/24V/IP67***	50	10	RSTA4905	RSTA4900	RSTA4901
1	**LED STRIP 2000 S 927/24V/IP67**	50	7	RSTA4915	RSTA4910	RSTA4911
1	**LED STRIP 2000 S 930/24V/IP67**	50	7	RSTA4925	RSTA4920	RSTA4921
1	**LED STRIP 2000 S 940/24V/IP67**	50	7	RSTA4935	RSTA4930	RSTA4931
1	**LED STRIP 2000 S 965/24V/IP67***	50	7	RSTA4945	RSTA4940	RSTA4941



1

Individual Cut

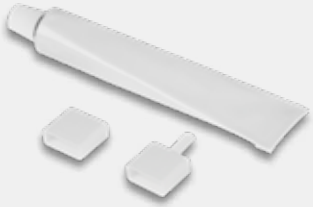
SERVICE CUT STRIP

We would be happy to assemble our waterproof LED-Strips according to your specifications. The individual lengths are supplied with an IP67 cable on every one of both ends.

For more information on customizing, please refer to page 11.

Accessories for waterproof strips

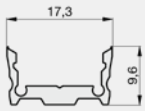
(A corresponding number of end caps and accessories are included with the waterproof LED Strips)



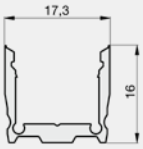
Please refer to page 54 for further product information.

Profiles

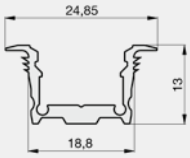
PROFILE SMALL U FLAT 17.3/9.6/B1C1 1M*
TRPA2511



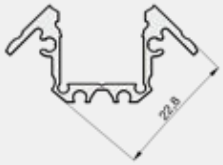
PROFILE SMALL U 17.3/16/B1C1 1M
TRPA2501



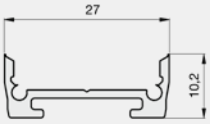
PROFILE SMALL WING 25/13/B1C1 1M
TRPA2521



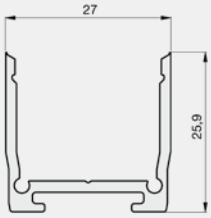
PROFILE SMALL CORNER 22.8/22.8/B1C1 1M
TRPA2531



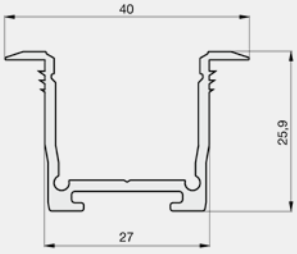
PROFILE MEDIUM U FLAT 27/10.2/B2C2 1M*
TRPA2551



PROFILE MEDIUM U 27/25.9/B2C2 1M
TRPA2541



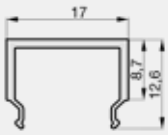
PROFILE MEDIUM WING 40/25.9/B2C2 1M
TRPA2561



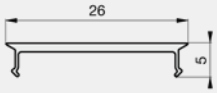
Covers

COVER SMALL F 16.4/4/C1 1M
ZTPA2571

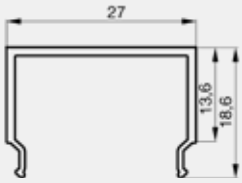
COVER SMALL SQUARE 17/9/C1 1M
ZTPA3111



COVER MEDIUM F 26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE 27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

*Only compatible with waterproof LED Strips without cover.

Power Supply

Not dimmable

DRIVER 75W/24V IP67 MeanWell
OTNA2450

Max

LED Star Strip 1500 IP67	8.3 m
LED Star Strip 1900 IP67	5.3 m

Dimmable 1-10V

DRIVER 1-10V 60W/24V IP66 OSRAM
OTDA2426

Max

LED Star Strip 1500 IP67	6.6 m
LED Star Strip 1900 IP67	4.2 m

Dimmable DALI

DRIVER DALI 4CH 100W/24V IP67
OTDA4107

Max

LED Star Strip 1500 IP67	11.1 m
LED Star Strip 1900 IP67	7.1 m

Control Unit

Light control Casambi (PWM4)*

CBU-PWM4-LR

LMBA4969

Max

LED Star Strip 1500 IP67	16.0 m
LED Star Strip 1900 IP67	10.2 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

*Note: A 24V DC LED driver is required for operation.

LED Star Strip 500 RGB Waterproof

Product features:
- Long lifespan: **30,000 h L70B10**
- Coloured light due to RGB LEDs
- Suitable for operation on **24 V DC**

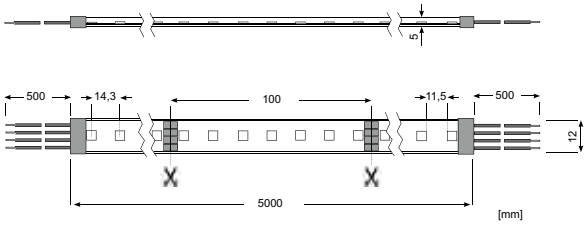
Advantages:
- Long max. operable length without loss of luminous flux thanks to IC and high copper content in PCB
- High degree of protection thanks to high-quality silicone encapsulation: **IP67**
- Extra strong hold thanks to 3M adhesive tape

1

	LED Star Strip 500 RGB Waterproof		W/m	lm/m	LEDs/m		mm		pcs.
1	RSTA2415	**LED STRIP 500 S RGB/24V/IP67 5M**	14.4	500	70		14.3	4	10

Note: For appropriate operation of the LED Strip, an aluminum profile is required for cooling.

	Available lengths	mm	Max m	5 m article no.	30 m article no.	X m article no.
1	**LED STRIP 500 S RGB/24V/IP67**	100	7	RSTA2415	RSTA2410	RSTA2411



1

Individual Cut

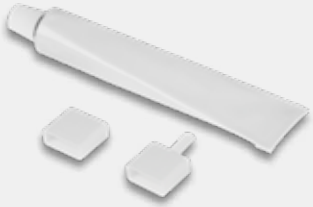
SERVICE CUT STRIP

We would be happy to assemble our waterproof LED-Strips according to your specifications. The individual lengths are supplied with an IP67 cable on every one of both ends.

For more information on customizing, please refer to page 11.

Accessories for waterproof strips

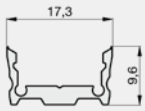
(A corresponding number of end caps and accessories are included with the waterproof LED Strips)



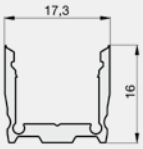
Please refer to page 54 for further product information.

Profiles

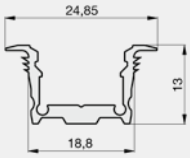
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M*
TRPA2511



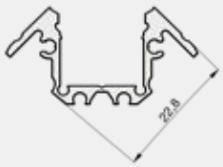
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



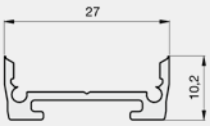
PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



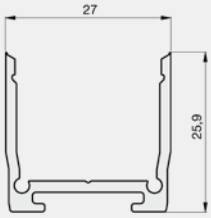
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



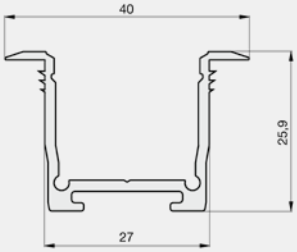
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M*
TRPA2551



PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



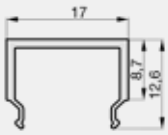
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



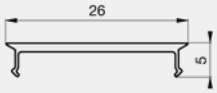
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

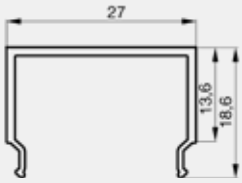
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.
*Only compatible with waterproof LED Strips without cover.

Power Supply

Dimmable DALI

DRIVER DALI 4CH 210W/24V
IP67 OSRAM
OTDA2461

Max

LED Star Strip
500 RGB IP67 14.5 m

Dimmable DALI/DMX

DRIVER DALI/DMX 4CH 150W/24V
IP20 RADIUM
OTDA4076

Max

LED Star Strip
500 RGB IP67 10.4 m

Control Unit

Light control Casambi (PWM4)*

CBU-PWM4-LR

LMBA4969

Max

LED Star Strip
500 RGB IP67 10.0 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.
*Note: A 24V DC LED driver is required for operation.

LED Essence Strip 500 and 1000

Product features:
- Very long lifespan: **50,000 h L70B50**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- High colour consistency: **SDCM <3**
- Very high efficiency of up to **135 lm/W**

1

LED Essence Strip 500

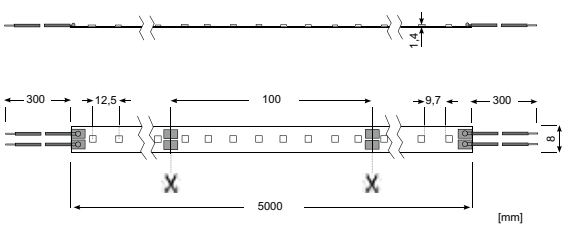
			W/m	lm/m	LEDs/m		mm			pcs.
1	RSTA3515	**LED STRIP 500 E 927/24V 5M**	3.6	446	80		12.5	E	2	10
1	RSTA3525	**LED STRIP 500 E 930/24V 5M**	3.6	454	80		12.5	E	2	10
1	RSTA3535	**LED STRIP 500 E 940/24V 5M**	3.6	485	80		12.5	E	2	10
1	RSTA3545	**LED STRIP 500 E 965/24V 5M**	3.6	475	80		12.5	E	2	10

LED Essence Strip 1000

1	RSTA3555	**LED STRIP 1000 E 927/24V 5M**	8.0	960	80		12.5	E	2	10
1	RSTA3565	**LED STRIP 1000 E 930/24V 5M**	8.0	976	80		12.5	E	2	10
1	RSTA3575	**LED STRIP 1000 E 940/24V 5M**	8.0	1040	80		12.5	E	2	10
1	RSTA3585	**LED STRIP 1000 E 965/24V 5M**	8.0	1048	80		12.5	E	2	10

Available lengths

		mm	m	article no.
1	**LED STRIP 500 E 927/24V 5M**	100	7.0	RSTA3515
1	**LED STRIP 500 E 930/24V 5M**	100	7.0	RSTA3525
1	**LED STRIP 500 E 940/24V 5M**	100	7.0	RSTA3535
1	**LED STRIP 500 E 965/24V 5M**	100	7.0	RSTA3545
1	**LED STRIP 1000 E 927/24V 5M**	100	5.5	RSTA3555
1	**LED STRIP 1000 E 930/24V 5M**	100	5.5	RSTA3565
1	**LED STRIP 1000 E 940/24V 5M**	100	5.5	RSTA3575
1	**LED STRIP 1000 E 965/24V 5M**	100	5.5	RSTA3585



1

Feed-in connector for LED Strips

STRIP CON
2PIN 8MM/50CM
FXZA4460

STRIP CON SD
2PIN 8MM/SW
FXZA2479

Strip to strip connector

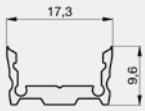
STRIP CABLE BRIDGE CP
2PIN 8MM/5CM
FXZA2477

STRIP BRIDGE CP
2PIN 8MM
FXZA2475

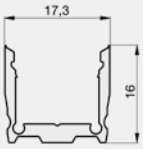
Please refer to page 54 for further product information.

Profiles

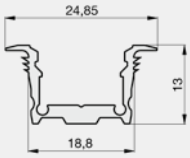
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M
TRPA2511



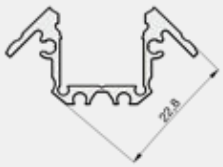
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



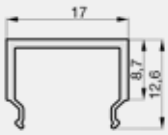
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



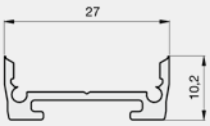
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

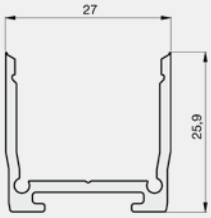
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



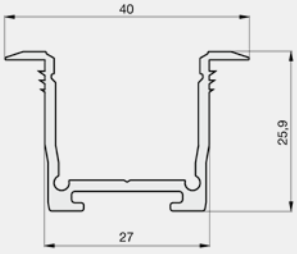
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M
TRPA2551



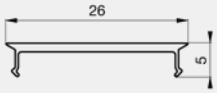
PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



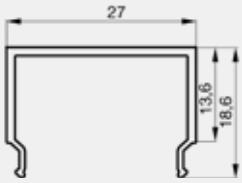
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

Power Supply

Not dimmable

DRIVER FLAT 36W/24V
IP20 RADIUM
OTNA3102

	Max
LED Essence Strip 500	10.0 m
LED Essence Strip 1000	4.5 m

Dimmable Phasecut

DRIVER PHASECUT 36W/24V
IP20 RADIUM
OTDA4077

	Max
LED Essence Strip 500	10.0 m
LED Essence Strip 1000	4.5 m

Dimmable DALI

DRIVER DALI 1CH 36W/24V
IP20 RADIUM
OTDA4070

	Max
LED Essence Strip 500	10.0 m
LED Essence Strip 1000	4.5 m

Dimmable Casambi (Bluetooth)

DRIVER BT 1CH 60W/24V
IP20 TRIDONIC
OTDA2444

	Max
LED Essence Strip 500	16.6 m
LED Essence Strip 1000	7.5 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

LED Essence Strip 1500

Product features:
- Very long lifespan: **50,000 h L70B50**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- High colour consistency: **SDCM <3**
- Very high efficiency of up to **128 lm/W**

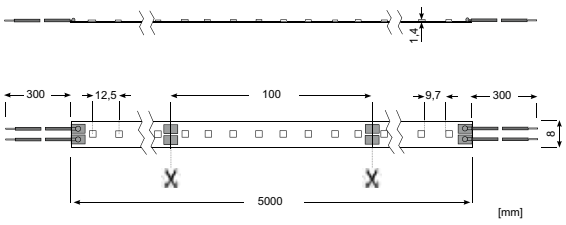
1

LED Essence Strip 1500

			W/m	lm/m	LEDs/m		mm			pcs.
1	RSTA3595	**LED STRIP 1500 E 927/24V 5M**	12.0	1440	80		12.5	E	2	10
1	RSTA3605	**LED STRIP 1500 E 930/24V 5M**	12.0	1452	80		12.5	E	2	10
1	RSTA3615	**LED STRIP 1500 E 940/24V 5M**	12.0	1536	80		12.5	E	2	10
1	RSTA3625	**LED STRIP 1500 E 965/24V 5M**	12.0	1524	80		12.5	E	2	10

Available lengths

		mm	m	article no.
1	**LED STRIP 1500 E 927/24V 5M**	100	5	RSTA3595
1	**LED STRIP 1500 E 930/24V 5M**	100	5	RSTA3605
1	**LED STRIP 1500 E 940/24V 5M**	100	5	RSTA3615
1	**LED STRIP 1500 E 965/24V 5M**	100	5	RSTA3625



1

Feed-in connector for LED Strips

STRIP CON CP
2PIN 8MM/50CM
FXZA2470

STRIP CON SD
2PIN 8MM/SW
FXZA2479

Strip to strip connector

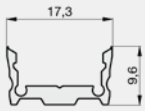
STRIP CABLE BRIDGE CP
2PIN 8MM/5CM
FXZA2477

STRIP BRIDGE CP
2PIN 8MM
FXZA2475

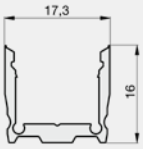
Please refer to page 54 for further product information.

Profiles

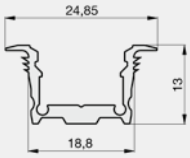
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M
TRPA2511



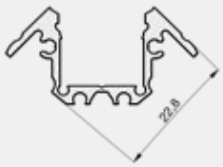
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



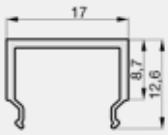
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



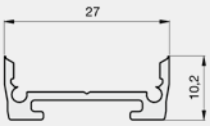
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

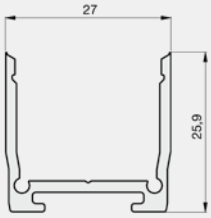
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



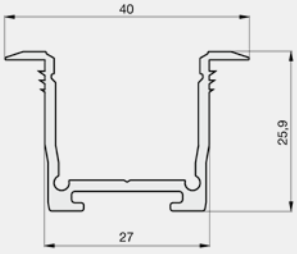
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M
TRPA2551



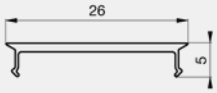
PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



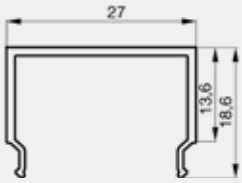
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

Power Supply

Not dimmable

DRIVER FLAT 60W/24V
IP20 RADIUM
OTNA3103

Max

LED Essence Strip 1500 5.0 m

Dimmable Phasecut

DRIVER PHASECUT 75W/24V
IP20 RADIUM
OTDA3026

Max

LED Essence Strip 1500 6.2 m

Dimmable DALI

DRIVER DALI 1CH 75W/24V
IP20 RADIUM
OTDA4071

Max

LED Essence Strip 1500 6.2 m

Dimmable Casambi (Bluetooth)

DRIVER BT 1CH 60W/24V
IP20 TRIDONIC
OTDA2444

Max

LED Essence Strip 1500 5.0 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

LED Essence Strip 700 ZeroPitch

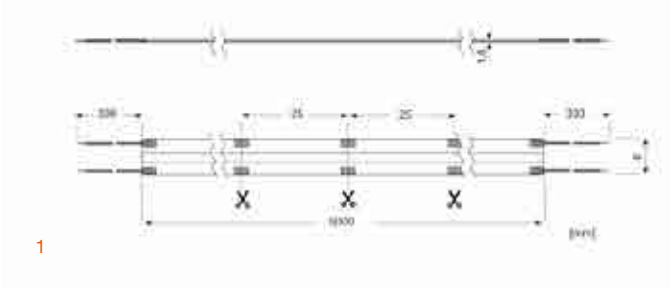
Product features:
- Very long lifespan: **50,000 h L70B50**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- Wide beam angle: **160°**

Advantages:
- Continuous light line
- Perfectly suited for use in super-flat profiles or for furniture installation
- Low glare compared to SMD LEDs

1

			W/m	lm/m	LEDs/m		mm			pcs.
LED Essence Strip 700 ZeroPitch										
1	RSTA3825	**LED STRIP 700ZP E 927/24V 5M**	8.0	630	280		-	G	2	10
1	RSTA3835	**LED STRIP 700ZP E 930/24V 5M**	8.0	640	280		-	G	2	10
1	RSTA3845	**LED STRIP 700ZP E 940/24V 5M**	8.0	660	280		-	G	2	10
1	RSTA3855	**LED STRIP 700ZP E 965/24V 5M**	8.0	680	280		-	G	2	10

		mm	m	article no.
Available lengths				
1	**LED STRIP 700ZP E 927/24V 5M**	25	5	RSTA3825
1	**LED STRIP 700ZP E 930/24V 5M**	25	5	RSTA3835
1	**LED STRIP 700ZP E 940/24V 5M**	25	5	RSTA3845
1	**LED STRIP 700ZP E 965/24V 5M**	25	5	RSTA3855



1

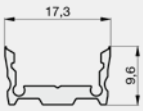
Feed-in connector for LED Strips

STRIP CON
2PIN 8MM/50CM
FXZA4460

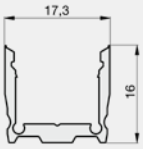
Please refer to page 54 for further product information.

Profiles

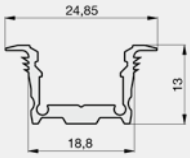
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M
TRPA2511



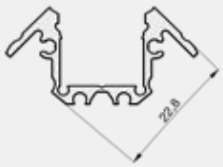
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



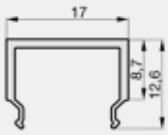
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



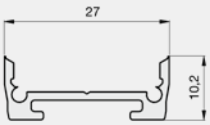
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

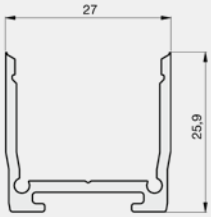
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



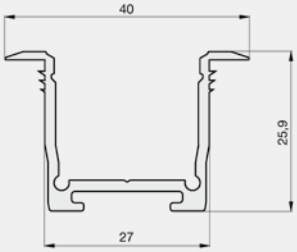
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M
TRPA2551



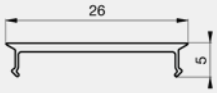
PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



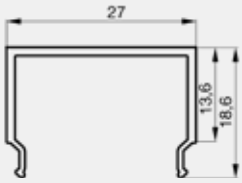
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

Power Supply

Not dimmable

DRIVER FLAT 60W/24V
IP20 RADIUM
OTNA3103

Max

LED Essence Strip
700 ZeroPitch 7.5 m

Dimmable
Phasecut

DRIVER PHASECUT 75W/24V
IP20 RADIUM
OTDA3026

Max

LED Essence Strip
700 ZeroPitch 9.3 m

Dimmable DALI

DRIVER DALI 1CH 75W/24V
IP20 RADIUM
OTDA4071

Max

LED Essence Strip
700 ZeroPitch 9.3 m

Dimmable Casambi (Bluetooth)

DRIVER BT 1CH 60W/24V
IP20 TRIDONIC
OTDA2444

Max

LED Essence Strip
700 ZeroPitch 7.5 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

LED Essence Strip 1000 RGBW and 2200 Tunable White

Product features RGBW:
- Long lifespan: **30,000 h L70B50**
- Dynamic coloured light by RGB LEDs
- Suitable for operation on **24 V DC**
- Optimal function with multi-channel LED dimmers

Product features TW:
- Long lifespan: **50,000 h L70B50**
- Very good colour rendering: **CRI >90**
- Variable colour temperature: **2700–6500 K**
- Suitable for operation on **24 V DC**
- High efficiency of up to **116 lm/W**

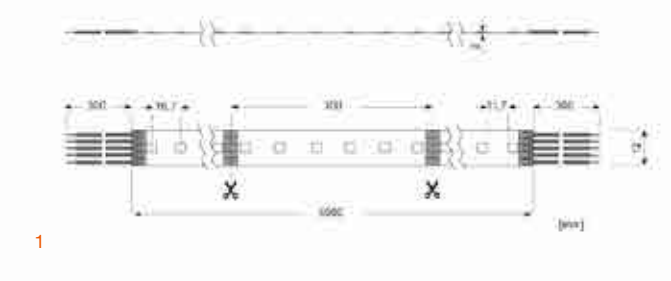
1

2

			W/m	lm/m	LEDs/m		mm			pcs.
LED Essence Strip 1000 RGBW										
1	RSTA3635	**LED STRIP 1000 E RGBW/24V 5M**	19.2	960	60		16.7	-	5	10
LED Essence Strip 2200 Tunable White							mm			pcs.
2	RSTA3645	**LED STRIP 2200 E TW/24V 5M**	19.2	2236	128		15.6	F	3	10

Note: For appropriate operation of the LED Strip, an aluminum profile is required for cooling.

	Available lengths	mm	m	article no.
1	**LED STRIP 1000 E RGBW/24V 5M**	100	5	RSTA3635
2	**LED STRIP 2200 E TW/24V 5M**	125	5	RSTA3645



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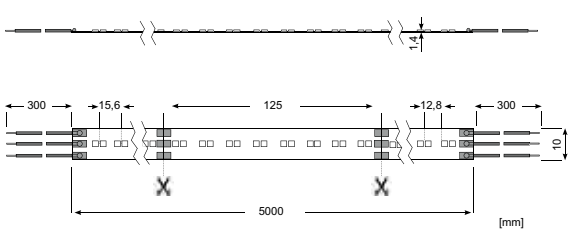
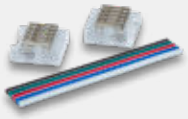


2

Strip to strip connector

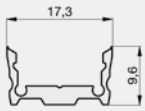
STRIP CABLE BRIDGE
5PIN 12MM/5CM 4PCS
FXZA4511



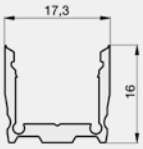
Please refer to page 54 for further product information.
*Note: Not compatible with LED Essence Strip 2200 TW. Accessory compatibility on page 56-57.

Profiles

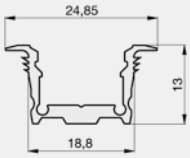
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M
TRPA2511



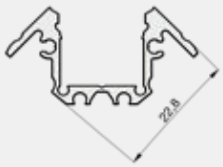
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



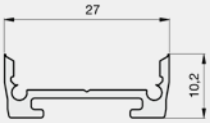
PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



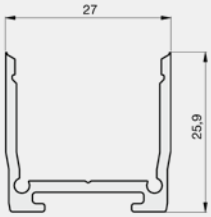
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



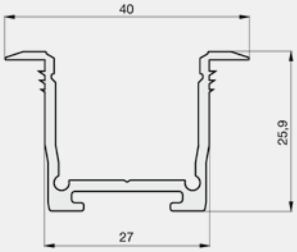
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M
TRPA2551



PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



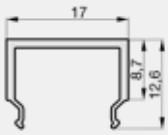
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



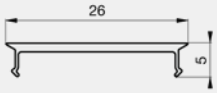
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

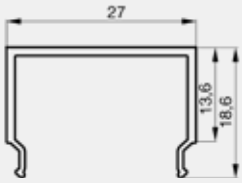
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

Power Supply

Dimmable DALI

DRIVER DALI 2CH 150W/24V
IP20 RADIUM
OTDA4075

	Max
LED Essence Strip RGBW	7.8 m
LED Essence Strip TW	7.8 m

Dimmable DALI/DMX

DRIVER DALI/DMX 4CH 150W/24V
IP20 RADIUM
OTDA4076

	Max
LED Essence Strip RGBW	7.8 m
LED Essence Strip TW	7.8 m

Control Units

Light control RF*

DIMMER RF 4CH 480W/12-36V
IP20
LMRA3971

	Max
LED Essence Strip RGBW	24.0 m
LED Essence Strip TW	24.0 m

Light control Casambi (PWM4)*

CBU-PWM4-LR

LMBA4969

	Max
LED Essence Strip RGBW	7.5 m
LED Essence Strip TW	7.5 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.
*Note: A 24V DC LED driver is required for operation.

LED Essence Strip 400 and 1000 Waterproof

Product features:
- Very long lifespan: **50,000 h L70B50**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- High colour consistency: **SDCM <3**
- High protection class thanks to silicone extrusion: **IP66**
- Connecting cable on both sides: **300 mm**

1

LED Essence Strip 400 Waterproof

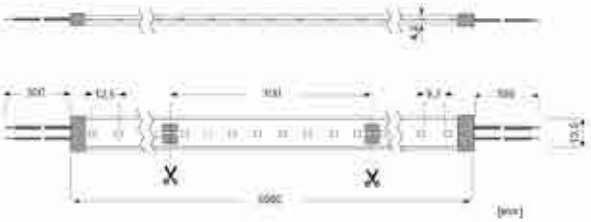
			W/m	lm/m	LEDs/m		mm			pcs.
1	RSTA3655	**LED STRIP 400 E 927/24V/IP66 5M**	3.6	424	80		12.5	F	2	10
1	RSTA3665	**LED STRIP 400 E 930/24V/IP66 5M**	3.6	431	80		12.5	E	2	10
1	RSTA3675	**LED STRIP 400 E 940/24V/IP66 5M**	3.6	460	80		12.5	E	2	10
1	RSTA3685	**LED STRIP 400 E 965/24V/IP66 5M**	3.6	451	80		12.5	E	2	10

LED Essence Strip 1000 Waterproof

1	RSTA3695	**LED STRIP 1000 E 927/24V/IP66 5M**	8.0	912	80		12.5	F	2	10
1	RSTA3705	**LED STRIP 1000 E 930/24V/IP66 5M**	8.0	927	80		12.5	F	2	10
1	RSTA3715	**LED STRIP 1000 E 940/24V/IP66 5M**	8.0	988	80		12.5	E	2	10
1	RSTA3725	**LED STRIP 1000 E 965/24V/IP66 5M**	8.0	996	80		12.5	E	2	10

Available lengths

		mm	m	article no.
1	**LED STRIP 400 E 927/24V/IP66 5M**	100	7.0	RSTA3655
1	**LED STRIP 400 E 930/24V/IP66 5M**	100	7.0	RSTA3665
1	**LED STRIP 400 E 940/24V/IP66 5M**	100	7.0	RSTA3675
1	**LED STRIP 400 E 965/24V/IP66 5M**	100	7.0	RSTA3685
1	**LED STRIP 1000 E 927/24V/IP66 5M**	100	5.5	RSTA3695
1	**LED STRIP 1000 E 930/24V/IP66 5M**	100	5.5	RSTA3705
1	**LED STRIP 1000 E 940/24V/IP66 5M**	100	5.5	RSTA3715
1	**LED STRIP 1000 E 965/24V/IP66 5M**	100	5.5	RSTA3725



1

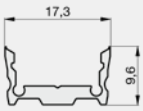
Feed-in connector for LED Strips

STRIP CON SD 2PIN
8MM/50CM IP65
FXZA2473

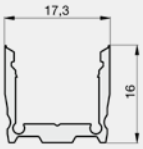
Please refer to page 54 for further product information.

Profiles

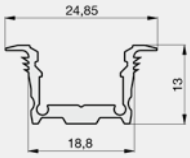
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M*
TRPA2511



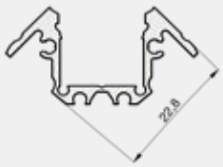
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



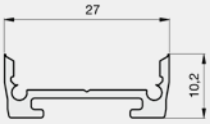
PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



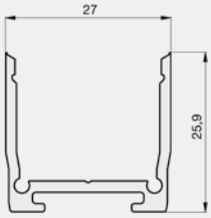
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



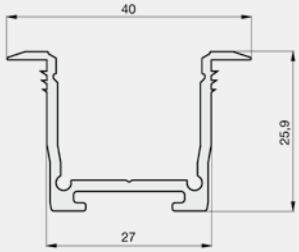
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M*
TRPA2551



PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



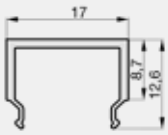
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



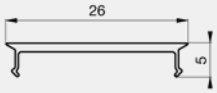
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

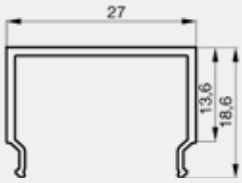
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

*Only compatible with waterproof LED Strips without cover.

Power Supply

Not dimmable

DRIVER 40W/24V
IP66 OSRAM
OTNA2420

Max

LED Essence Strip 400 IP66	11.1 m
LED Essence Strip 800 IP66	5.0 m

Not dimmable

DRIVER 75W/24V
IP67 MeanWell
OTDA2450

Max

LED Essence Strip 400 IP66	20.8 m
LED Essence Strip 800 IP66	9.3 m

Dimmable 1-10V

DRIVER 1-10V 40W/24V
IP66 OSRAM
OTDA2425

Max

LED Essence Strip 400 IP66	11.1 m
LED Essence Strip 800 IP66	5.0 m

Dimmable DALI

DRIVER DALI 4CH 100W/24V
IP67 OSRAM
OTDA4107

Max

LED Essence Strip 400 IP66	27.7 m
LED Essence Strip 800 IP66	12.5 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

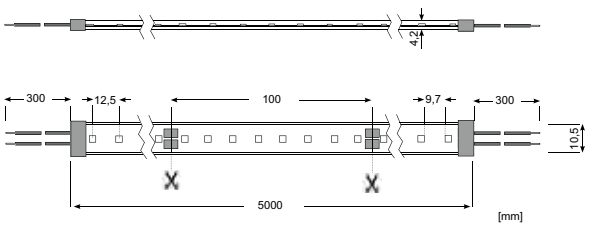
LED Essence Strip 1400 Waterproof

Product features:
- Very long lifespan: **50,000 h L70B50**
- Very good colour rendering: **CRI >90**
- Suitable for operation on **24 V DC**
- High colour consistency: **SDCM <3**
- High protection class thanks to silicone extrusion: **IP66**
- Connecting cable on both sides: **300 mm**

1

			W/m	lm/m	LEDs/m		mm			pcs.
	LED Essence Strip 1400 Waterproof									
1	RSTA3735	**LED STRIP 1400 E 927/24V/IP66 5M**	12.0	1368	80		12.5	F	2	10
1	RSTA3745	**LED STRIP 1400 E 930/24V/IP66 5M**	12.0	1379	80		12.5	F	2	10
1	RSTA3755	**LED STRIP 1400 E 940/24V/IP66 5M**	12.0	1459	80		12.5	E	2	10
1	RSTA3765	**LED STRIP 1400 E 965/24V/IP66 5M**	12.0	1448	80		12.5	E	2	10

		mm	m	article no.
	Available lengths			
1	**LED STRIP 1400 E 927/24V/IP66 5M**	100	5	RSTA3735
1	**LED STRIP 1400 E 930/24V/IP66 5M**	100	5	RSTA3745
1	**LED STRIP 1400 E 940/24V/IP66 5M**	100	5	RSTA3755
1	**LED STRIP 1400 E 965/24V/IP66 5M**	100	5	RSTA3765



1

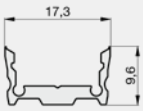
Feed-in connector for LED Strips

STRIP CON SD 2PIN
8MM/50CM IP65
FXZA2473

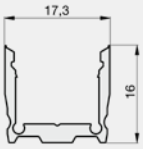
Please refer to page 54 for further product information.

Profiles

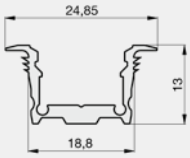
PROFILE SMALL U FLAT
17.3/9.6/B1C1 1M*
TRPA2511



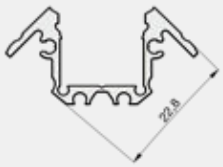
PROFILE SMALL U
17.3/16/B1C1 1M
TRPA2501



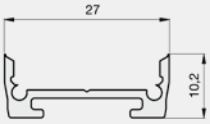
PROFILE SMALL WING
25/13/B1C1 1M
TRPA2521



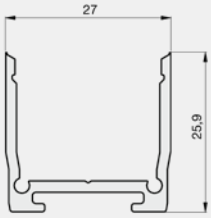
PROFILE SMALL CORNER
22.8/22.8/B1C1 1M
TRPA2531



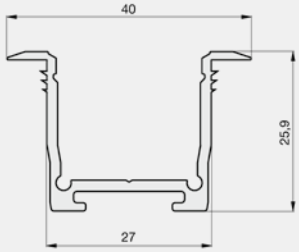
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M*
TRPA2551



PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541



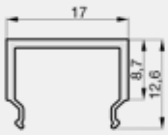
PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561



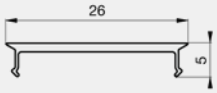
Covers

COVER SMALL F
16.4/4/C1 1M
ZTPA2571

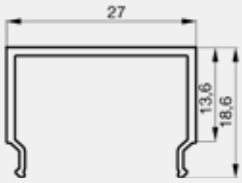
COVER SMALL SQUARE
17/9/C1 1M
ZTPA3111



COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

*Only compatible with waterproof LED Strips without cover.

Power Supply

Not dimmable

DRIVER 75W/24V
IP67 MeanWell
OTDA2450

Max

LED Essence Strip 1400 IP66 6.2 m

Dimmable 1-10V

DRIVER 1-10V 60W/24V
IP66 OSRAM
OTDA2426

Max

LED Essence Strip 1400 IP66 5.0 m

Dimmable DALI

DRIVER DALI 4CH 100W/24V
IP67 OSRAM
OTDA4107

Max

LED Essence Strip 1400 IP66 8.3 m

Control Unit

Light control Casambi (PWM4)*

CBU-PWM4-LR

LMBA4969

Max

LED Essence Strip 1400 IP66 12.0 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.
*Note: A 24V DC LED driver is required for operation.

LED Essence Strip 500 RGBW Waterproof

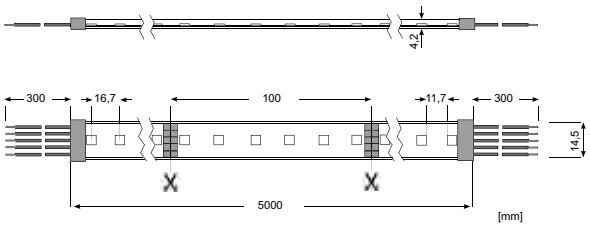
Product features:
- Long lifespan: **30,000 h L70B50**
- Dynamic coloured light by RGB LEDs
- Suitable for operation on **24 V DC**
- High protection thanks to silicone extrusion: **IP66**
- Connecting cable on both sides: **300 mm**

1

	LED Essence Strip 500 RGBW Waterproof		W/m	lm/m	LEDs/m		mm		pcs.
1	RSTA3775	**LED STRIP 900 E RGBW/24V/IP66 5M**	19.2	912	60		16.7	5	10

Note: For appropriate operation of the LED Strip, an aluminum profile is required for cooling.

	Available lengths	mm	m	article no.
1	**LED STRIP 900 E RGBW/24V/IP66 5M**	100	5	RSTA3775



1

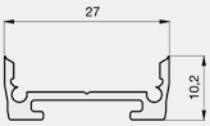
Feed-in cables pre-assembled on both sides

Our waterproof LED Essence RGBW Strip, like all LED Strips from our Essence portfolio, is provided with a 0.3 m connection cable on each side.

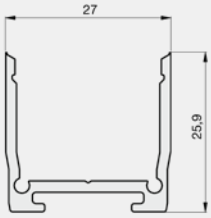
Profiles

The anodised MEDIUM aluminium profiles offer a high-quality design and optimum protection for the waterproof LED Essence Strip RGBW. Benefit from a large light emission area – especially in combination with our SQUARE cover.

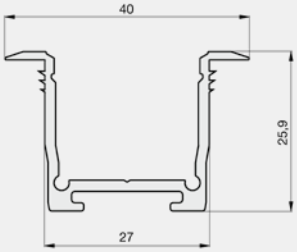
PROFILE MEDIUM U FLAT
27/10.2/B2C2 1M*
TRPA2551



PROFILE MEDIUM U
27/25.9/B2C2 1M
TRPA2541

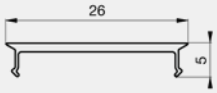


PROFILE MEDIUM WING
40/25.9/B2C2 1M
TRPA2561

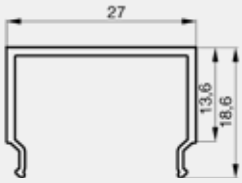


Covers

COVER MEDIUM F
26/5/C2 1M
ZTPA2591



COVER MEDIUM SQUARE
27/14/C2 1M
ZTPA3121



Please find further profiles, covers and accessories as well as product information on page 58 ff.

*Only compatible with waterproof LED Strips without cover.

Power Supply

Dimmable DALI

DRIVER DALI 4CH 210W/24V IP67 OSRAM
OTDA2461

Max

LED Essence Strip 500 RGBW IP66 10.9 m

Dimmable DALI

DRIVER DALI 4CH 100W/24V IP67 OSRAM
OTDA4107

Max

LED Essence Strip 500 RGBW IP66 5.2 m

Dimmable DALI/DMX

DRIVER DALI/DMX 4CH 150W/24V IP20 RADIUM
OTDA4076

Max

LED Essence Strip 500 RGBW IP66 7.8 m

Control Unit

Light control Casambi (PWM4)*

CBU-PWM4-LR

LMBA4969

Max

LED Essence Strip 500 RGBW IP66 7.5 m

Please refer to page 80 ff. for further information on control gears, dimmers and accessories.
Please refer to page 88 ff. for further information on control units.

*Note: A 24V DC LED driver is required for operation.

Accessories for LED Strips

1 2 3 4 5

Feed-in connector for LED Strips

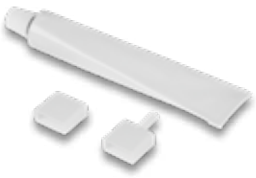
				mm	mm	IP	pcs.
1	FXZA2470	**STRIP CON CP 2PIN 8MM/50CM**	2	8	500	IP00	5
2	FXZA2471	**STRIP CON CP 4PIN 10MM/50CM**	4	10	500	IP00	5
3	FXZA2479	**STRIP CON SD 2PIN 8MM/SW***	2	8	-	IP00	5
4	FXZA2473	**STRIP CON SD 2PIN 8MM/50CM IP65**	2	8	500	IP65	5
5	FXZA4460	**STRIP CON 2PIN 8MM/50CM**	2	8	500	IP00	5
5	FXZA4461	**STRIP CON 2PIN 10MM/50CM**	2	10	500	IP00	5

*Note: Cable not included. For use with your own cable (0.3–0.5 mm^2).

1 2 3 4 5 6

Strip to strip connector

				mm	mm	IP	pcs.
1	FXZA2477	**STRIP CABLE BRIDGE CP 2PIN 8MM/5CM**	2	8	50	IP00	5
2	FXZA2478	**STRIP CABLE BRIDGE CP 4PIN 10MM/5CM**	4	10	50	IP00	5
3	FXZA4510	**STRIP CABLE BRIDGE 2PIN 10MM/5CM 4PCS**	2	10	50	IP00	10
4	FXZA4511	**STRIP CABLE BRIDGE 5PIN 12MM/5CM 4PCS**	5	12	50	IP00	10
5	FXZA2475	**STRIP BRIDGE CP 2PIN 8MM**	2	8	-	IP00	5
6	FXZA2476	**STRIP BRIDGE CP 4PIN 10MM**	4	10	-	IP00	5



1

Accessories for waterproof LED Strips

			IP	pcs.
1	FXZA2631	**STRIP WATERPROOF KIT RGB**	IP67	1

Each kit contains:
– 1 tube of silicone
– 5 end caps with opening for supply line
– 5 end caps without opening

Accessories for LED Strips

LED Strip cables

FXZA4120	**RIBBON CABLE 2x0.32mm² IND**	●●	2	0.32
FXZA4122	**RIBBON CABLE 2x0.82mm² IND**	●●	2	0.82
FXZA4123	**RIBBON CABLE 3x0.32mm² IND**	○●●	3	0.32
FXZA4124	**RIBBON CABLE 4x0.32mm² IND**	●●●●	4	0.32
FXZA4125	**RIBBON CABLE 5x0.32mm² IND**	●●●●●	5	0.32
FXZA4126	**SHEATHED CABLE 2x0.32mm² IND**	○	2	0.32
FXZA4127	**SHEATHED CABLE 2x0.52mm² IND**	○	2	0.52
FXZA4128	**SHEATHED CABLE 2x0.82mm² IND**	○	2	0.82

1

2

3

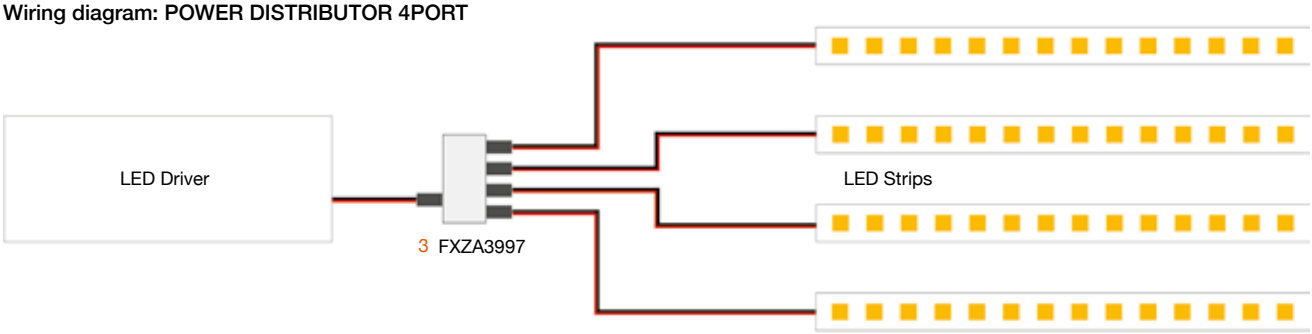
4

5

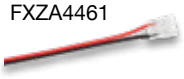
LED Strip connector systems

			A max.	mm² max.	V max.				
1	FXZA3995	**CABLE PLUG 2PIN P1 IP20**	9	0.55	36	●	2	1	IP20
2	FXZA3996	**POWER DISTRIBUTOR 2PORT P1 IP20**	6	-	36	○	2	2	IP20
3	FXZA3997	**POWER DISTRIBUTOR 4PORT P1 IP20**	6	-	36	○	2	4	IP20
4	FXZA3998	**CABLE BRIDGE T-SHAPE 2PIN IP20**	9	0.55	300	●	2	3	IP20
5	FXZA3999	**CABLE BRIDGE I-SHAPE 2PIN IP20**	9	0.55	300	●	2	2	IP20

Wiring diagram: POWER DISTRIBUTOR 4PORT



Compatibility of Accessories

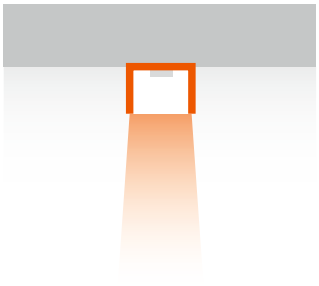
Product family	LED Star Strip 400 / 900	LED Star Strip 1400 / 2200	LED Star Strip 3000	LED Star Strip ZeroPitch	LED Star Strip ZeroPitch Furniture	LED Star Strip WarmDIM	LED Star Strip 400 / 800 Waterproof	LED Star Strip 1300 / 2000 Waterproof	LED Essence Strip 500 / 1000	LED Essence Strip 1500	LED Essence Strip ZeroPitch	LED Essence Strip 400 / 1000 Waterproof	LED Essence Strip 1400 Waterproof
Page	20	22	24	26	26	30	34	36	40	42	44	48	50
STRIP CON CP 2PIN 8MM/50CM FXZA2470									x	x			
STRIP CON 2PIN 8MM/50CM FXZA4460				x					x	x	x		
STRIP CON 2PIN 10MM/50CM FXZA4461 	x	x	x			x							
STRIP CON SD 2PIN 8MM/50CM IP65 FXZA2473												x	x
STRIP CON SD 2PIN 8MM/SW FXZA2479									x	x			
STRIP CABLE BRIDGE CP 2PIN 8MM/5CM FXZA2477									x	x			
STRIP CABLE BRIDGE 2PIN 10MM/5CM 4PCS FXZA4510	x	x	x			x							
STRIP BRIDGE CP 2PIN 8MM FXZA2475									x	x			

Compatibility of Accessories

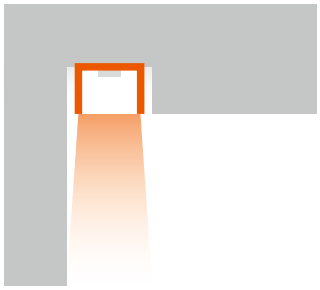
Product family	LED Star Strip Tunable White	LED Star Strip RGB	LED Star Strip RGBW	LED Star Strip RGB Waterproof	LED Essence Strip RGBW	LED Essence Strip Tunable White	LED Essence Strip RGBW Waterproof
Page	28	32	32	38	46	46	52
STRIP CON CP 4PIN 10MM/50CM FXZA2471 		x					
STRIP CABLE BRIDGE CP 4PIN 10MM/5CM FXZA2478 		x					
STRIP CABLE BRIDGE 5PIN 12MM/5CM 4PCS FXZA4511 			x		x		
STRIP BRIDGE CP 4PIN 10MM FXZA2476 		x					
STRIP WATERPROOF KIT RGB FXZA2631 				x			

Products.
Profiles and Covers.

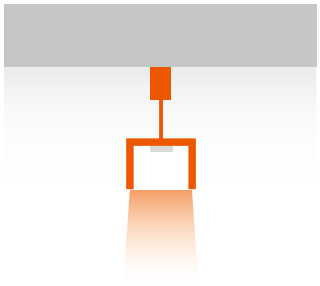
For the installation of our flexible LED Strips, we offer you a variable and versatile range of accessories for every installation situation. Our high-class aluminum profiles with fitting covers and the necessary mounting accessories provide a perfectly coordinated system of high quality. You will find the ideal combination for a lot of different requirements to develop timeless, efficient and reliable lighting systems in our portfolio.



Ceiling and wall mounting



Wall cove
Stairs lighting



Suspended luminaires

Backlighting

Content

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PROFILE SMALL CORNER 64
PROFILE SMALL WING 66
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PROFILE MEDIUM U FLAT 70
PROFILE MEDIUM WING 72
Accessories 74
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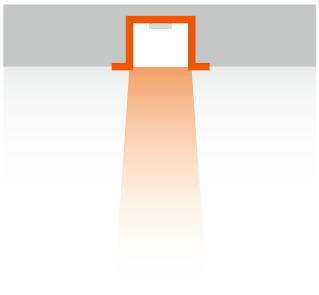
PROFILE SMALL CORNER 14.3 / 13.3 / B1 C1 2M

- **PROFILE** – Product category
- **SMALL** – Provides information about the width of the profile:
  - 17–25 mm (SMALL)
  - 27–40 mm (MEDIUM)
- **CORNER** – Name for the respective shape of the profile:
  - Attachment / mounting profile (U)
  - Flat attachment / mounting profile (U FLAT)
  - Installation profile (WING)
  - Corner profile (CORNER)
- **14.3** – Profile width in millimetres (mm)
- **13.3** – Profile height in millimetres (mm)
- **B1 C1** – Interface Profile → bracket:
  - B1
  - B2

  Interface Profile → cover:
  - C1
  - C2
- **2M** – Profile length in meters (m):
  - 1M
  - 2M
  - 3M
  - 5M



Ceiling and furniture installation

Sublighting under surface

Wall cove
Cabinet / Showcase lighting

Ceiling cove

Attachment Profile SMALL U

Product features:
- High quality anodized aluminum profile with almost rimless light emission surface
- Extra thick base for the use of countersunk screws and for optimal heat dissipation
- Versatile installation options
- Simple and timeless design
- Optimal cooling and protection for LED Strips

Mounting:
- Installation with mounting brackets
- Installation by screwing
- Wire suspension

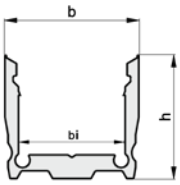
	Available lengths	1 m article no.	2 m article no.	3 m article no.
	Profiles			
1	**PROFILE SMALL U 17.3/16/B1C1**	TRPA2501	TRPA2502	TRPA2503
2	**PROFILE S U 17.3/16/B1C1 WHITE**	-	TRPA4210	-
3	**PROFILE S U 17.3/16/B1C1 BLACK**	-	TRPA4211	-
	Covers			
	COVER SMALL C 16.4/4/C1	ZTPA2581	ZTPA2582	ZTPA2583
	COVER SMALL F 16.4/4/C1*	ZTPA2571	ZTPA2572	ZTPA2573
	COVER SMALL BLACK 16.4/4 C1	-	ZTPA4472	-
	COVER SMALL SQUARE 17/9 C1	ZTPA3111	ZTPA3112	ZTPA3113

*Info: Also available in 20 m length, see page 75.

1

2

3



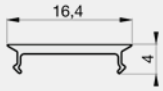
PROFILE SMALL U

			l (mm)	b (mm)	h (mm)	bi (mm)			pcs.
1	TRPA2501	**PROFILE SMALL U 17.3/16/B1C1 1M**	1010	17.3	16.0	13.5	C1	B1	10
1	TRPA2502	**PROFILE SMALL U 17.3/16/B1C1 2M**	2010	17.3	16.0	13.5	C1	B1	10
2	TRPA4210	**PROFILE S U 17.3/16/B1C1 2M WHITE**	2010	17.3	16.0	13.5	C1	B1	10
3	TRPA4211	**PROFILE S U 17.3/16/B1C1 2M BLACK**	2010	17.3	16.0	13.5	C1	B1	10
1	TRPA2503	**PROFILE SMALL U 17.3/16/B1C1 3M**	3010	17.3	16.0	13.5	C1	B1	10
1	TRPA2505	**PROFILE SMALL U 17.3/16/B1C1 5M***	5010	17.3	16.0	13.5	C1	B1	10

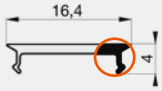
*Note: Available on request

Fitting covers

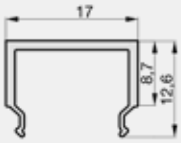
Clear
COVER SMALL C 16.4/4/C1
ZTPA2581, ZTPA2582, ZTPA2583*



Frosted
COVER SMALL F 16.4/4/C1
ZTPA2571, ZTPA2572, ZTPA2573*



Frosted
COVER SMALL SQUARE 17/9 C1
ZTPA3111, ZTPA3112, ZTPA3113*



Fitting end caps

Plastic
ENDCAP PROFILE SMALL U
ZTPA2610

Plastic
ENDCAP SQUARE PROFILE SMALL U
ZTPA3190

Fitting mounting accessories

Plastic mounting bracket
BRACKET PROFILE SMALL PLT B1
ZTPA2620

Metal mounting bracket
BRACKET PROFILE SMALL MET B1
ZTPA2621

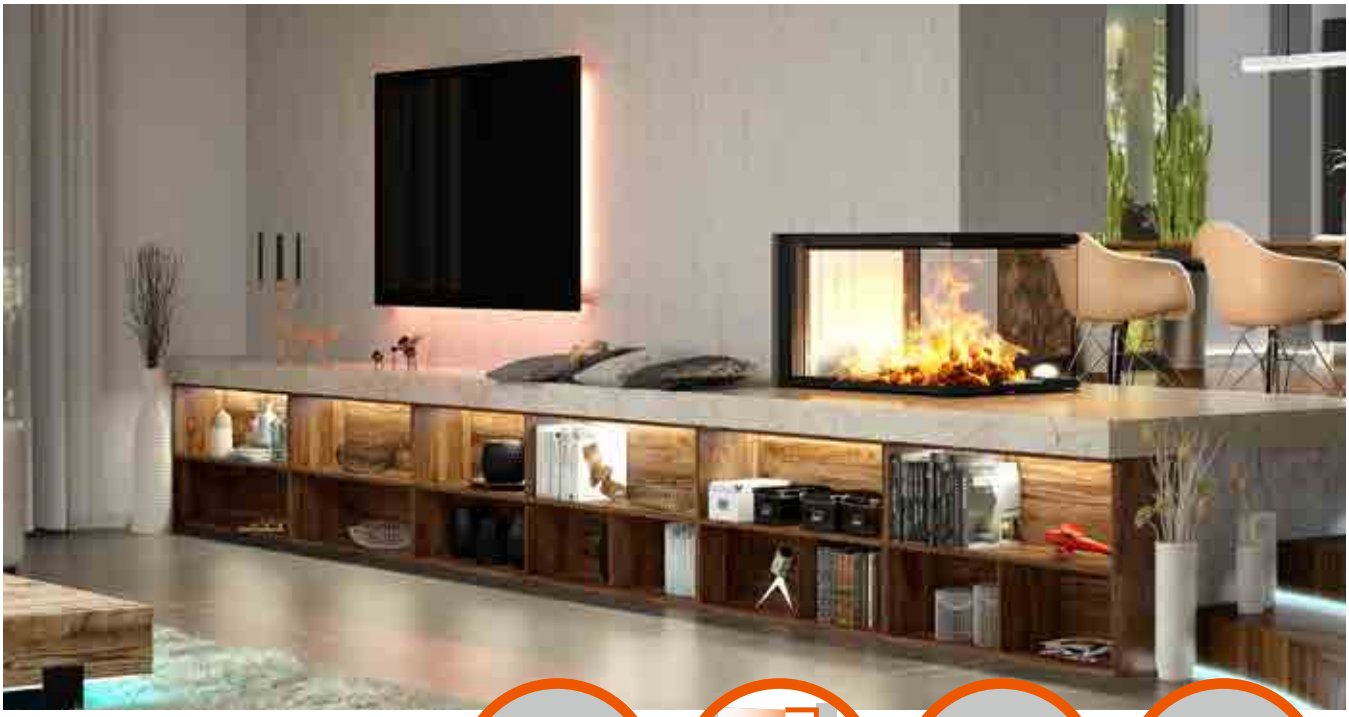
Wire suspension
SUSPENSION KIT PROFILE SMALL 2M 2PCS
ZTPA4576

Wire suspension live
SUSPENSION KIT POWER PROFILE S B1 2M
ZTPA3021

For details on profile accessories, refer to page 75 ff.
*Info: The product is available in three standard lengths (1 m, 2 m, 3 m). The last digit of the article number represents the length in meters. Special lengths on request.

Attachment Profile SMALL U FLAT

Product features:
- High quality anodized aluminum profile with almost rimless light emission surface
- Extra thick base for the use of countersunk screws and for optimal heat dissipation
- Versatile installation options
- Simple and timeless design
- Optimal cooling and protection for LED Strips



Mounting:
- Installation with mounting brackets
- Installation by screwing
- Wire suspension

	Available lengths	1 m article no.	2 m article no.	3 m article no.
	Profiles			
1	**PROFILE SMALL U FLAT 17.3/9.6/B1C1**	TRPA2511	TRPA2512	TRPA2513
2	**PROFILE S U FLAT 17.3/9.6/B1C1 WHITE**	-	TRPA4212	-
3	**PROFILE S U FLAT 17.3/9.6/B1C1 BLACK**	-	TRPA4213	-
	Covers			
	COVER SMALL C 16.4/4/C1	ZTPA2581	ZTPA2582	ZTPA2583
	COVER SMALL F 16.4/4/C1*	ZTPA2571	ZTPA2572	ZTPA2573
	COVER SMALL BLACK 16.4/4 C1	-	ZTPA4472	-
	COVER SMALL SQUARE 17/9 C1	ZTPA3111	ZTPA3112	ZTPA3113

*Info: Also available in 20 m length, see page 75.

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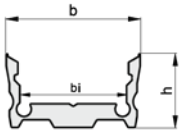


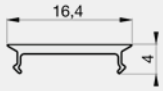
PROFILE SMALL U FLAT

			l (mm)	b (mm)	h (mm)	bi (mm)			pcs.
1	TRPA2511	**PROFILE SMALL U FLAT 17.3/9.6/B1C1 1M**	1010	17.3	9.6	13.5	C1	B1	10
1	TRPA2512	**PROFILE SMALL U FLAT 17.3/9.6/B1C1 2M**	2010	17.3	9.6	13.5	C1	B1	10
2	TRPA4212	**PROFILE S U FLAT 17.3/9.6/B1C1 2M WHITE**	2010	17.3	9.6	13.5	C1	B1	10
3	TRPA4213	**PROFILE S U FLAT 17.3/9.6/B1C1 2M BLACK**	2010	17.3	9.6	13.5	C1	B1	10
1	TRPA2513	**PROFILE SMALL U FLAT 17.3/9.6/B1C1 3M**	3010	17.3	9.6	13.5	C1	B1	10
1	TRPA2515	**PROFILE SMALL U FLAT 17.3/9.6/B1C1 5M***	5010	17.3	9.6	13.5	C1	B1	10

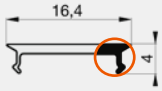
*Note: Available on request

Fitting covers

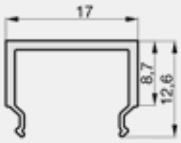
Clear
COVER SMALL C 16.4/4/C1
ZTPA2581, ZTPA2582, ZTPA2583*



Frosted
COVER SMALL F 16.4/4/C1
ZTPA2571, ZTPA2572, ZTPA2573*



Frosted
COVER SMALL SQUARE 17/9 C1
ZTPA3111, ZTPA3112, ZTPA3113*



Fitting end caps

Plastic
ENDCAP PROFILE SMALL U FLAT
ZTPA2611

Plastic
ENDCAP SQUARE PROFILE SMALL U FLAT
ZTPA3191

Fitting mounting accessories

Plastic mounting bracket
BRACKET PROFILE SMALL PLT B1
ZTPA2620

Metal mounting bracket
BRACKET PROFILE SMALL MET B1
ZTPA2621

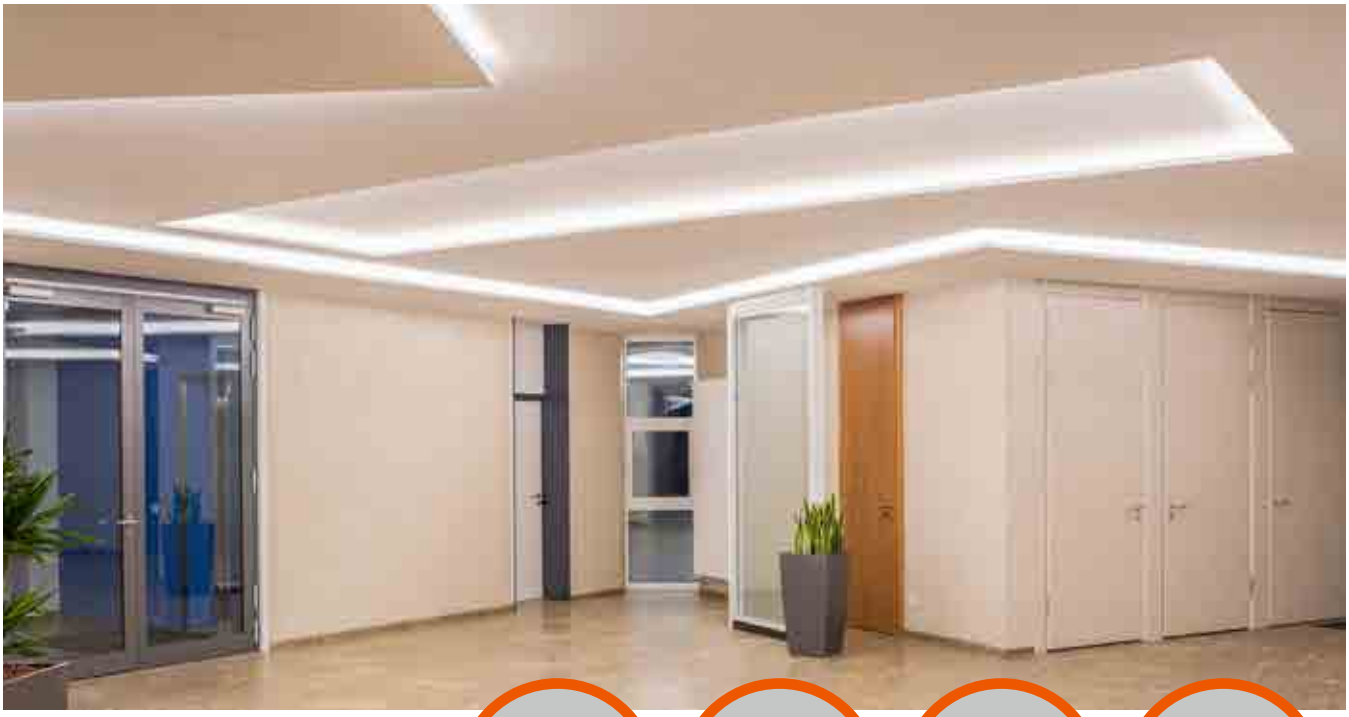
Wire suspension
SUSPENSION KIT PROFILE SMALL 2M 2PCS
ZTPA4576

Wire suspension live
SUSPENSION KIT POWER PROFILE S B1 2M
ZTPA3021

For details on profile accessories, refer to page 75 ff.
*Info: The product is available in three standard lengths (1 m, 2 m, 3 m). The last digit of the article number represents the length in meters. Special lengths on request.

Attachment Profile SMALL CORNER

Product features:
- High quality anodized aluminum profile with almost rimless light emission surface
- Extra thick base for the use of countersunk screws and for optimal heat dissipation
- Versatile installation options
- Simple and timeless design
- Optimal cooling and protection for LED Strips

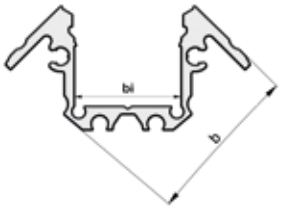


Mounting:
- Installation with mounting brackets
- Installation by screwing

	Available lengths	1 m article no.	2 m article no.	3 m article no.
	Profiles			
1	**PROFILE SMALL CORNER 22.8/22.8/B1C1**	TRPA2531	TRPA2532	TRPA2533
	Covers			
	COVER SMALL C 16.4/4/C1	ZTPA2581	ZTPA2582	ZTPA2583
	COVER SMALL F 16.4/4/C1*	ZTPA2571	ZTPA2572	ZTPA2573

*Info: Also available in 20 m length, see page 75.

1



PROFILE SMALL CORNER

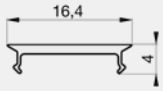
			l (mm)	b (mm)	bi (mm)			pcs.
1	TRPA2531	**PROFILE SMALL CORNER 22.8/22.8/B1C1 1M**	1010	22.8	13.5	C1	B1	8
1	TRPA2532	**PROFILE SMALL CORNER 22.8/22.8/B1C1 2M**	2010	22.8	13.5	C1	B1	8
1	TRPA2533	**PROFILE SMALL CORNER 22.8/22.8/B1C1 3M**	3010	22.8	13.5	C1	B1	8
1	TRPA2535	**PROFILE SMALL CORNER 22.8/22.8/B1C1 5M***	5010	22.8	13.5	C1	B1	8

*Note: Available on request

Fitting covers

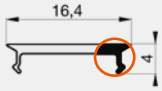
Clear

COVER SMALL C 16.4/4/C1
ZTPA2581, ZTPA2582, ZTPA2583*



Frosted

COVER SMALL F 16.4/4/C1
ZTPA2571, ZTPA2572, ZTPA2573*



Fitting end caps

Plastic

ENDCAP PROFILE SMALL CORNER
ZTPA2613

Fitting mounting accessories

Plastic mounting bracket

BRACKET PROFILE SMALL PLT B1
ZTPA2620

Metal mounting bracket

BRACKET PROFILE SMALL MET B1
ZTPA2621

For details on profile accessories, refer to page 75 ff.

*Info: The product is available in three standard lengths (1 m, 2 m, 3 m). The last digit of the article number represents the length in meters. Special lengths on request.

Installation Profile SMALL WING

Product features:
- High quality anodized aluminum profile
- Extra thick base for the use of countersunk screws and for optimal heat dissipation
- Optimized for installation e.g. in suspended ceilings and furniture
- Simple and timeless design
- Optimal cooling and protection for LED Strips

Mounting:
- Installation with mounting brackets
- Installation by screwing
- Installation by clamping and glueing

	Available lengths	1 m article no.	2 m article no.	3 m article no.
	Profiles			
1	**PROFILE SMALL WING 25/13/B1C1**	TRPA2521	TRPA2522	TRPA2523
2	**PROFILE S WING 25/13/B1C1 WHITE**	-	TRPA4214	-
3	**PROFILE S WING 25/13/B1C1 BLACK**	-	TRPA4215	-
	Covers			
	COVER SMALL C 16.4/4/C1	ZTPA2581	ZTPA2582	ZTPA2583
	COVER SMALL F 16.4/4/C1*	ZTPA2571	ZTPA2572	ZTPA2573
	COVER SMALL BLACK 16.4/4 C1	-	ZTPA4472	-

*Info: Also available in 20 m length, see page 75.

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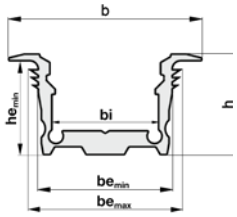


PROFILE SMALL WING

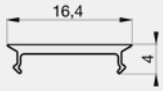
			l (mm)	b (mm)	h (mm)	bi (mm)	be_{min} (mm)	be_{max} (mm)	he_{min} (mm)			pcs.
1	TRPA2521	**PROFILE SMALL WING 25/13/B1C1 1M**	1010	24.8	13.0	13.5	17.3	18.8	12.5	C1	B1	10
1	TRPA2522	**PROFILE SMALL WING 25/13/B1C1 2M**	2010	24.8	13.0	13.5	17.3	18.8	12.5	C1	B1	10
2	TRPA4214	**PROFILE S WING 25/13/B1C1 2M WHITE**	2010	24.8	13.0	13.5	17.3	18.8	12.5	C1	B1	10
3	TRPA4215	**PROFILE S WING 25/13/B1C1 2M BLACK**	2010	24.8	13.0	13.5	17.3	18.8	12.5	C1	B1	10
1	TRPA2523	**PROFILE SMALL WING 25/13/B1C1 3M**	3010	24.8	13.0	13.5	17.3	18.8	12.5	C1	B1	10
1	TRPA2525	**PROFILE SMALL WING 25/13/B1C1 5M***	5010	24.8	13.0	13.5	17.3	18.8	12.5	C1	B1	10

*Note: Available on request

Fitting covers

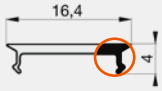
Clear

COVER SMALL C 16.4/4/C1
ZTPA2581, ZTPA2582, ZTPA2583*



Frosted

COVER SMALL F 16.4/4/C1
ZTPA2571, ZTPA2572, ZTPA2573*



Fitting end caps

Plastic

ENDCAP PROFILE SMALL WING
ZTPA2612

Fitting mounting accessories

Plastic mounting bracket

BRACKET PROFILE SMALL PLT B1
ZTPA2620

Metal mounting bracket

BRACKET PROFILE SMALL MET B1
ZTPA2621

Spring mounting bracket

BRACKET SPRING SMALL B1
ZTPA2624

For details on profile accessories, refer to page 75 ff.

*Info: The product is available in three standard lengths (1 m, 2 m, 3 m). The last digit of the article number represents the length in meters. Special lengths on request.

Attachment Profile MEDIUM U

Product features:
- High quality anodized aluminum profile with almost rimless light emission surface
- Optimal cooling and protection for up to two LED Strips
- Versatile installation options
- Simple and timeless design
- Internal, invisible mounting brackets

Mounting:
- Installation with mounting brackets
- Installation by screwing
- Wire suspension

	Available lengths	1 m article no.	2 m article no.	3 m article no.
	Profiles			
1	**PROFILE MEDIUM U 27/25.9/B2C2**	TRPA2541	TRPA2542	TRPA2543
2	**PROFILE M U 27/25.9/B2C2 WHITE**	-	TRPA4216	-
3	**PROFILE M U 27/25.9/B2C2 BLACK**	-	TRPA4217	-
	Covers			
	COVER MEDIUM F 26/5/C2*	ZTPA2591	ZTPA2592	ZTPA2593
	COVER MEDIUM SQUARE 27/14 C2	ZTPA3121	ZTPA3122	ZTPA3123
	COVER MEDIUM BLACK 26/5 C2	-	ZTPA4482	-
	COVER MEDIUM PRISMA 26/5 C2	-	ZTPA4492	ZTPA4493

*Info: Also available in 20 m length, see page 75.

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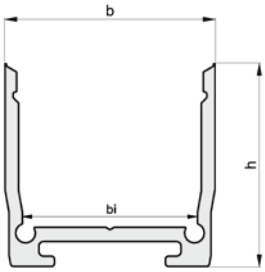


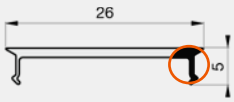
PROFILE MEDIUM U

			l (mm)	b (mm)	h (mm)	bi (mm)			pcs.
1	TRPA2541	**PROFILE MEDIUM U 27/25.9/B2C2 1M**	1010	27.0	25.9	22.2	C2	B2	4
1	TRPA2542	**PROFILE MEDIUM U 27/25.9/B2C2 2M**	2010	27.0	25.9	22.2	C2	B2	4
2	TRPA4216	**PROFILE M U 27/25.9/B2C2 2M WHITE**	2010	27.0	25.9	22.2	C2	B2	4
3	TRPA4217	**PROFILE M U 27/25.9/B2C2 2M BLACK**	2010	27.0	25.9	22.2	C2	B2	4
1	TRPA2543	**PROFILE MEDIUM U 27/25.9/B2C2 3M**	3010	27.0	25.9	22.2	C2	B2	4
1	TRPA2545	**PROFILE MEDIUM U 27/25.9/B2C2 5M***	5010	27.0	25.9	22.2	C2	B2	4

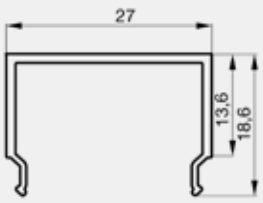
*Note: Available on request

Fitting covers

Frosted
COVER MEDIUM F 26/5/C2
ZTPA2591, ZTPA2592, ZTPA2593*



Frosted
COVER MEDIUM SQUARE 27/14 C2
ZTPA3121, ZTPA3122, ZTPA3123*



Fitting end caps

Plastic
ENDCAP PROFILE MEDIUM U
ZTPA2614

Plastic
ENDCAP SQUARE PROFILE MEDIUM U
ZTPA3193

Fitting mounting accessories

Plastic mounting bracket
BRACKET PROFILE MEDIUM PLT B2
ZTPA2622

Metal mounting bracket
BRACKET PROFILE MEDIUM MET B2
ZTPA2623

Wire suspension
SUSPENSION KIT PROFILE M B2 2M
ZTPA3020

Wire suspension live
SUSPENSION KIT POWER PROFILE M B2 2M
ZTPA3022

For details on profile accessories, refer to page 75 ff.

*Info: The product is available in three standard lengths (1 m, 2 m, 3 m). The last digit of the article number represents the length in meters. Special lengths on request.

Attachment Profile MEDIUM U FLAT

Product features:
- High quality anodized aluminum profile with almost rimless light emission surface
- Optimal cooling and protection for up to two LED Strips
- Versatile installation options
- Simple and timeless design
- Internal, invisible mounting brackets

Mounting:
- Installation with mounting brackets
- Installation by screwing
- Wire suspension

	Available lengths	1 m article no.	2 m article no.	3 m article no.
	Profiles			
1	**PROFILE MEDIUM U FLAT 27/10.2/B2C2**	TRPA2551	TRPA2552	TRPA2553
2	**PROFILE M U FLAT 27/10.2/B2C2 WHITE**	-	TRPA4218	-
3	**PROFILE M U FLAT 27/10.2/B2C2 BLACK**	-	TRPA4219	-
	Covers			
	COVER MEDIUM F 26/5/C2*	ZTPA2591	ZTPA2592	ZTPA2593
	COVER MEDIUM SQUARE 27/14 C2	ZTPA3121	ZTPA3122	ZTPA3123
	COVER MEDIUM BLACK 26/5 C2	-	ZTPA4482	-
	COVER MEDIUM PRISMA 26/5 C2	-	ZTPA4492	ZTPA4493

*Info: Also available in 20 m length, see page 75.

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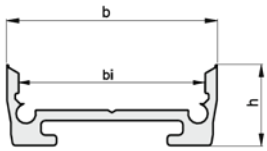


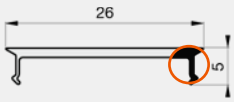
PROFILE MEDIUM U FLAT

			l (mm)	b (mm)	h (mm)	bi (mm)			pcs.
1	TRPA2551	**PROFILE MEDIUM U FLAT 27/10.2/B2C2 1M**	1010	27.0	10.2	22.2	C2	B2	6
1	TRPA2552	**PROFILE MEDIUM U FLAT 27/10.2/B2C2 2M**	2010	27.0	10.2	22.2	C2	B2	6
2	TRPA4218	**PROFILE M U FLAT 27/10.2/B2C2 2M WHITE**	2010	27.0	10.2	22.2	C2	B2	6
3	TRPA4219	**PROFILE M U FLAT 27/10.2/B2C2 2M BLACK**	2010	27.0	10.2	22.2	C2	B2	6
1	TRPA2553	**PROFILE MEDIUM U FLAT 27/10.2/B2C2 3M**	3010	27.0	10.2	22.2	C2	B2	6
1	TRPA2555	**PROFILE MEDIUM U FLAT 27/10.2/B2C2 5M***	5010	27.0	10.2	22.2	C2	B2	6

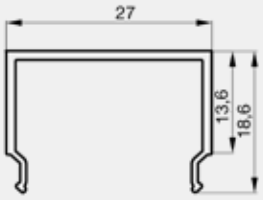
*Note: Available on request

Fitting covers

Frosted
COVER MEDIUM F 26/5/C2
ZTPA2591, ZTPA2592,
ZTPA2593*



Frosted
COVER MEDIUM SQUARE 27/14 C2
ZTPA3121, ZTPA3122,
ZTPA3123*



Fitting end caps

Plastic
ENDCAP PROFILE MEDIUM U FLAT
ZTPA2615

Plastic
ENDCAP SQUARE PROFILE MEDIUM U FLAT
ZTPA3193

Fitting mounting accessories

Plastic mounting bracket
BRACKET PROFILE MEDIUM PLT B2
ZTPA2622

Metal mounting bracket
BRACKET PROFILE MEDIUM MET B2
ZTPA2623

Wire suspension
SUSPENSION KIT PROFILE M B2 2M
ZTPA3020

Wire suspension live
SUSPENSION KIT POWER PROFILE M B2 2M
ZTPA3022

For details on profile accessories, refer to page 75 ff.

*Info: The product is available in three standard lengths (1 m, 2 m, 3 m). The last digit of the article number represents the length in meters. Special lengths on request.

Installation Profile MEDIUM WING

Product features:
- High quality anodized aluminum profile
- Optimal cooling and protection for up to two LED Strips
- Optimized for installation e.g. in suspended ceilings and furniture
- Simple and timeless design

Mounting:
- Installation with mounting brackets
- Installation by screwing
- Installation by clamping and glueing

	Available lengths	1 m article no.	2 m article no.	3 m article no.
	Profiles			
1	**PROFILE MEDIUM WING 40/25.9/B2C2**	TRPA2561	TRPA2562	TRPA2563
2	**PROFILE M WING 40/25.9/B2C2 WHITE**	-	TRPA4220	-
3	**PROFILE M WING 40/25.9/B2C2 BLACK**	-	TRPA4221	-
	Covers			
	COVER MEDIUM F 26/5/C2*	ZTPA2591	ZTPA2592	ZTPA2593
	COVER MEDIUM BLACK 26/5 C2	-	ZTPA4482	-
	COVER MEDIUM PRISMA 26/5 C2	-	ZTPA4492	ZTPA4493

*Info: Also available in 20 m length, see page 75.

1

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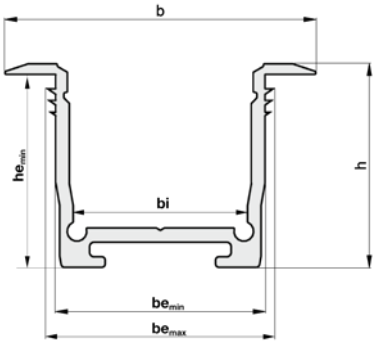


PROFILE MEDIUM WING

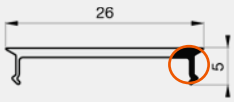
			l (mm)	b (mm)	h (mm)	bi (mm)	be_{min} (mm)	be_{max} (mm)	he_{min} (mm)			pcs.
1	TRPA2561	**PROFILE MEDIUM WING 40/25.9/B2C2 1M**	1010	40.0	25.9	22.2	27.0	28.0	24.4	C2	B2	4
1	TRPA2562	**PROFILE MEDIUM WING 40/25.9/B2C2 2M**	2010	40.0	25.9	22.2	27.0	28.0	24.4	C2	B2	4
2	TRPA4220	**PROFILE M WING 40/25.9/B2C2 2M WHITE**	2010	40.0	25.9	22.2	27.0	28.0	24.4	C2	B2	4
3	TRPA4221	**PROFILE M WING 40/25.9/B2C2 2M BLACK**	2010	40.0	25.9	22.2	27.0	28.0	24.4	C2	B2	4
1	TRPA2563	**PROFILE MEDIUM WING 40/25.9/B2C2 3M**	3010	40.0	25.9	22.2	27.0	28.0	24.4	C2	B2	4
1	TRPA2565	**PROFILE MEDIUM WING 40/25.9/B2C2 5M***	5010	40.0	25.9	22.2	27.0	28.0	24.4	C2	B2	4

*Note: Available on request

Fitting covers

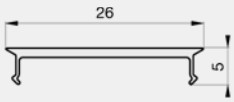
Frosted

COVER MEDIUM F 26/5/C2
ZTPA2591, ZTPA2592, ZTPA2593*



Prism optic

COVER MEDIUM PRISMA 26/5 C2
ZTPA4492, ZTPA4493



Fitting end caps

Plastic

ENDCAP PROFILE MEDIUM WING
ZTPA2616

Fitting mounting accessories

Plastic mounting bracket

BRACKET PROFILE MEDIUM PLT B2
ZTPA2622

Metal mounting bracket

BRACKET PROFILE MEDIUM MET B2
ZTPA2623

Spring mounting bracket

BRACKET SPRING MEDIUM B2
ZTPA2625

For details on profile accessories, refer to page 75 ff.

*Info: The product is available in three standard lengths (1 m, 2 m, 3 m). The last digit of the article number represents the length in meters. Special lengths on request.

Accessories for Aluminum Profiles

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Mounting brackets

			l (mm)	w (mm)	h (mm)			pcs.
1	ZTPA2621	**BRACKET PROFILE SMALL MET B1**	20.0	18.5	8.0	B1	Metall	10
2	ZTPA2620	**BRACKET PROFILE SMALL PLT B1**	34.0	20.0	10.0	B1	Plastic	10
2	ZTPA4434	**BRACKET PROFILE SMALL PLT B1 WHITE**	34.0	20.0	10.0	B1	Plastic	10
2	ZTPA4433	**BRACKET PROFILE SMALL PLT B1 BLACK**	34.0	20.0	10.0	B1	Plastic	10
3	ZTPA2624	**BRACKET SPRING SMALL B1**	28.0	55.0	32.0	B1	Plastic	10
4	ZTPA2623	**BRACKET PROFILE MEDIUM MET B2**	20.0	15.0	5.9	B2	Metall	10
5	ZTPA2622	**BRACKET PROFILE MEDIUM PLT B2**	30.0	16.0	5.7	B2	Plastic	10
6	ZTPA2625	**BRACKET SPRING MEDIUM B2**	28.0	50.0	50.0	B2	Plastic	10

1

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Universal wire suspension

			l (m)	pcs.
1	ZTPA4576	**SUSPENSION KIT PROFILE SMALL 2M 2PCS**	2	1
2	ZTPA3020	**SUSPENSION KIT PROFILE M B2 2M**	2	1
3	ZTPA3021	**SUSPENSION KIT POWER PROFILE S B1 2M**	2	1
4	ZTPA3022	**SUSPENSION KIT POWER PROFILE M B2 2M**	2	1

Note: One kit contains two suspension ropes. The POWER version enables the power supply through the ropes.

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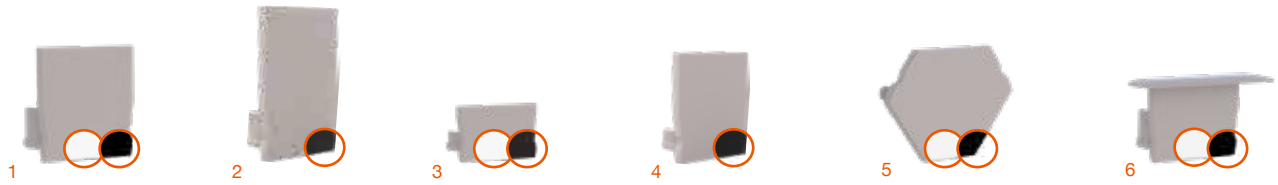
Profile covers

			l (mm)	w (mm)	h (mm)		pcs.
1	ZTPA2581	**COVER SMALL C 16.4/4/C1 1M**	1010	16.4	4.0	○	10
2	ZTPA2571	**COVER SMALL F 16.4/4/C1 1M**	1010	16.4	4.0	○	10
2	ZTPA4472	**COVER SMALL BLACK 16.4/4 C1 2M**	2010	16.4	4.0	●	10
3	ZTPA3111	**COVER SMALL SQUARE 17/9 C1 1M**	1010	17.3	12.6	○	18
4	ZTPA2591	**COVER MEDIUM F 26/5/C2 1M**	1010	26.0	5.0	○	10
4	ZTPA4482	**COVER MEDIUM BLACK 26/5 C2 2M**	2010	26.0	5.0	●	10
5	ZTPA3121	**COVER MEDIUM SQUARE 27/14 C2 1M**	1010	27.0	18.6	○	8
6	ZTPA4492	**COVER MEDIUM PRISMA 26/5 C2 2M**	2010	26.0	5.0	○	10

Available lengths profile covers

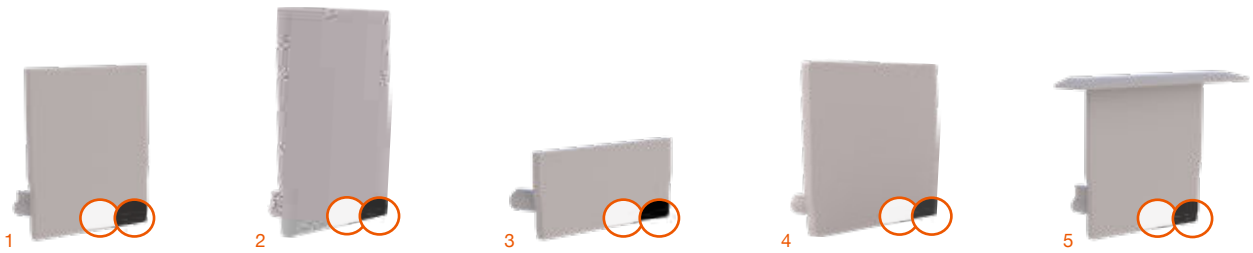
		1 m Article no.	2 m Article no.	3 m Article no.	20 m Article no.
1	**COVER SMALL C 16.4/4/C1**	ZTPA2581	ZTPA2582	ZTPA2583	-
2	**COVER SMALL F 16.4/4/C1**	ZTPA2571	ZTPA2572	ZTPA2573	ZTPA2570
2	**COVER SMALL BLACK 16.4/4 C1**	-	ZTPA4472	-	-
3	**COVER SMALL SQUARE 17/9 C1**	ZTPA3111	ZTPA3112	ZTPA3113	-
4	**COVER MEDIUM F 26/5/C2**	ZTPA2591	ZTPA2592	ZTPA2593	ZTPA2590
4	**COVER MEDIUM BLACK 26/5/C2**	-	ZTPA4482	-	-
5	**COVER MEDIUM SQUARE 27/14 C2**	ZTPA3121	ZTPA3122	ZTPA3123	-
6	**COVER MEDIUM PRISMA 26/5 C2**	-	ZTPA4492	ZTPA4493	-

Accessories for Aluminum Profiles



End caps for profiles SMALL

			l (mm)	w (mm)	h (mm)		pcs.
1	ZTPA2610	**ENDCAP PROFILE SMALL U**	6.0	17.3	16.0	●	10
1	ZTPA4401	**ENDCAP PROFILE SMALL U WHITE**	6.0	17.3	16.0	○	10
1	ZTPA4400	**ENDCAP PROFILE SMALL U BLACK**	6.0	17.3	16.0	●	10
2	ZTPA3190	**ENDCAP SQUARE PROFILE S U GREY**	6.3	17.3	24.7	●	10
2	ZTPA3194	**ENDCAP SQUARE PROFILE S U BLACK**	6.3	17.3	24.7	●	10
3	ZTPA2611	**ENDCAP PROFILE SMALL U FLAT**	6.0	17.3	9.6	●	10
3	ZTPA4406	**ENDCAP PROFILE SMALL U FLAT WHITE**	6.0	17.3	9.6	○	10
3	ZTPA4405	**ENDCAP PROFILE SMALL U FLAT BLACK**	6.0	17.3	9.6	●	10
4	ZTPA3191	**ENDCAP SQUARE PROFILE S U FLAT GREY**	6.3	17.3	18.3	●	10
4	ZTPA3195	**ENDCAP SQUARE PROFILE S U FLAT BLACK**	6.3	17.3	18.3	●	10
5	ZTPA2613	**ENDCAP PROFILE SMALL CORNER**	6.0	20.9	20.9	●	10
5	ZTPA4413	**ENDCAP PROFILE SMALL CORNER WHITE**	6.0	20.9	20.9	○	10
5	ZTPA4412	**ENDCAP PROFILE SMALL CORNER BLACK**	6.0	20.9	20.9	●	10
6	ZTPA2612	**ENDCAP PROFILE SMALL WING**	6.0	24.9	13.0	●	10
6	ZTPA4411	**ENDCAP PROFILE SMALL WING WHITE**	6.0	24.9	13.0	○	10
6	ZTPA4410	**ENDCAP PROFILE SMALL WING BLACK**	6.0	24.9	13.0	●	10



End caps for profiles MEDIUM

			l (mm)	w (mm)	h (mm)		pcs.
1	ZTPA2614	**ENDCAP PROFILE MEDIUM U**	6.0	27.0	25.9	●	10
1	ZTPA4960	**ENDCAP PROFILE MEDIUM U WHITE**	6.0	27.0	25.9	○	10
1	ZTPA2617	**ENDCAP PROFILE MEDIUM U BLACK**	6.0	27.0	25.9	●	10
2	ZTPA3192	**ENDCAP SQUARE PROFILE M U GREY**	6.5	27.0	39.0	●	10
2	ZTPA4963	**ENDCAP SQUARE PROFILE M U WHITE**	6.5	27.0	39.0	○	10
2	ZTPA3196	**ENDCAP SQUARE PROFILE M U BLACK**	6.5	27.0	39.0	●	10
3	ZTPA2615	**ENDCAP PROFILE MEDIUM U FLAT**	6.0	27.0	10.2	●	10
3	ZTPA4961	**ENDCAP PROFILE MEDIUM U FLAT WHITE**	6.0	27.0	10.2	○	10
3	ZTPA2618	**ENDCAP PROFILE MEDIUM U FLAT BLACK**	6.0	27.0	10.2	●	10
4	ZTPA3193	**ENDCAP SQUARE PROFILE M U FLAT GREY**	6.5	27.0	23.8	●	10
4	ZTPA4964	**ENDCAP SQUARE PROFILE M U FLAT WHITE**	6.5	27.0	23.8	○	10
4	ZTPA3197	**ENDCAP SQUARE PROFILE M U FLAT BLACK**	6.5	27.0	23.8	●	10
5	ZTPA2616	**ENDCAP PROFILE MEDIUM WING**	6.0	40.0	25.9	●	10
5	ZTPA4962	**ENDCAP PROFILE MEDIUM WING WHITE**	6.0	40.0	25.9	○	10
5	ZTPA2619	**ENDCAP PROFILE MEDIUM WING BLACK**	6.0	40.0	25.9	●	10

Compatibility of Accessories SMALL

Product family		PROFILE SMALL U	PROFILE SMALL U FLAT	PROFILE SMALL CORNER	PROFILE SMALL WING
Page		60	62	64	66
BRACKET PROFILE SMALL MET B1 ZTPA2621		x	x	x	x
BRACKET PROFILE SMALL PLT B1 ZTPA2620 (grey) / ZTPA4434 (white) / ZTPA4433 (black)		x	x	x	x
BRACKET SPRING SMALL B1 ZTPA2624					x
ENDCAP PROFILE SMALL U ZTPA2610 (grey) / ZTPA4401 (white) / ZTPA2717 (black)		x			
ENDCAP PROFILE SMALL U FLAT ZTPA2611 (grey) / ZTPA4406 (white) / ZTPA2718 (black)			x		
ENDCAP PROFILE SMALL CORNER ZTPA2613 (grey) / ZTPA4413 (white) / ZTPA2720 (black)				x	
ENDCAP PROFILE SMALL WING ZTPA2612 (grey) / ZTPA4411 (white) / ZTPA2719 (black)					x
ENDCAP SQUARE PROFILE SMALL U ZTPA3190 (grey) / ZTPA3194 (black)		x*			
ENDCAP SQUARE PROFILE SMALL U FLAT ZTPA3191 (grey) / ZTPA3195 (black)			x*		
SUSPENSION KIT PROFILE SMALL 2M 2PCS ZTPA4576		x	x	x	
SUSPENSION KIT POWER PROFILE S B1 2M ZTPA3021		x	x	x	

*Note: In combination with COVER SMALL SQUARE 17/9 C1

Compatibility of Accessories MEDIUM

Product family		PROFILE MEDIUM U	PROFILE MEDIUM U FLAT	PROFILE MEDIUM WING
Page		68	70	72
BRACKET PROFILE MEDIUM MET B2 ZTPA2623		x	x	x
BRACKET PROFILE MEDIUM PLT B2 ZTPA2622		x	x	x
BRACKET SPRING MEDIUM B2 ZTPA2625				x
ENDCAP PROFILE MEDIUM U ZTPA2614 (grey) / ZTPA4960 (white) / ZTPA2617 (black)		x		
ENDCAP PROFILE MEDIUM U FLAT ZTPA2615 (grey) / ZTPA4961 (white) / ZTPA2618 (black)			x	
ENDCAP PROFILE MEDIUM WING ZTPA2616 (grey) / ZTPA4962 (white) / ZTPA2619 (black)				x
ENDCAP SQUARE PROFILE MEDIUM U ZTPA3192 (grey) / ZTPA4963 (white) / ZTPA3196 (black)		x*		
ENDCAP SQUARE PROFILE MEDIUM U FLAT ZTPA3193 (grey) / ZTPA4964 (white) / ZTPA3197 (black)			x*	
SUSPENSION KIT PROFILE M B2 2M ZTPA3020		x	x	
SUSPENSION KIT POWER PROFILE M B2 2M ZTPA3022		x	x	

*Note: In combination with COVER MEDIUM SQUARE 27/14 C2

Products.
Power Supply.

With the control gears offered by Radium you will find the right solution for every requirement indoors and outdoors. The energy-efficient, powerful and durable devices are designed for the operation of LED modules with constant voltage DC and they are easy to install. In combination with our LED Strips, you can implement future-proof systems with high light quality and highest operational safety requirements.

Product features:
- Optimized and approved for the operation of LEDs for lighting purposes
- Protection against excess voltage and high temperatures
- For indoor and outdoor applications: protection class up to IP67
- Fully integrable into many building automation systems

Content

LED Drivers 82
LED Phasecut Drivers 83
Dimmable LED Drivers 84
LED Dimmers 86

DRIVER DALI 4CH 50W / 24V IP20 RADIUM

- DRIVER: Product category
- DALI: Dimming interface: – 1-10V – DALI – BT (Casambi)
- 4CH: Number of channels: – 1CH – 2CH – 4CH – TW
- 50W: Maximum output power in watts (W)
- 24V: Output voltage in volts (V)
- IP20: IP protection: – IP20 – IP66 – IP67
- RADIUM: Manufacturer: – Radium – OSRAM – Tridonic – MeanWell

DIMMER DALI 4CH 50W / 12-24 IP20 RADIUM

- DIMMER: Product category
- DALI: Dimming interface: – DALI – DMX
- 4CH: Number of channels: – 1CH – 2CH – 4CH – TW
- 50W: Maximum output power in watts (W)
- 12-24: Operating voltage (V)
- IP20: IP protection
- RADIUM: Manufacturer: – Radium – OSRAM

LED Drivers

1 2 3 4 5 6 7

LED Drivers Flat

			V In	°C Ta	°C Tc	l (mm)	w (mm)	h (mm)	h	pcs.
			V	°C	max. °C	l (mm)	w (mm)	h (mm)	h	pcs.
	V Out	Hz								
	24 DC	50/60								
1	OTNA3100	**DRIVER FLAT 12W/24V IP20 RADIUM**	220…240	-25…+45	-25…+90	112	46	16	50000	115
2	OTNA3101	**DRIVER FLAT 24W/24V IP20 RADIUM**	220…240	-25…+45	-25…+90	137	50	16	50000	95
3	OTNA3102	**DRIVER FLAT 36W/24V IP20 RADIUM**	220…240	-25…+45	-25…+90	170	57	18	50000	65
4	OTNA3103	**DRIVER FLAT 60W/24V IP20 RADIUM**	220…240	-25…+45	-25…+90	170	57	18	50000	65
5	OTNA3104	**DRIVER FLAT 90W/24V IP20 RADIUM**	220…240	-25…+45	-25…+90	190	65	22	50000	40
6	OTNA3105	**DRIVER FLAT 120W/24V IP20 RADIUM**	220…240	-25…+45	-25…+90	190	65	22	50000	40
7	OTNA3106	**DRIVER FLAT 250W/24V IP20 RADIUM**	220…240	-25…+45	-25…+90	400	40	22	50000	40

1 2 3 4 5 6 7 8 9 10

LED Drivers Waterproof

			V In	°C Ta	°C Tc	l (mm)	w (mm)	h (mm)	h	pcs.
			V	°C	max. °C	l (mm)	w (mm)	h (mm)	h	pcs.
	V Out	Hz								
	24 DC	50/60								
1	OTNA1962	**DRIVER 20W/24V IP66 OSRAM**	220…240	-30…+55	70	178	43	25	50000	20
2	OTNA2420	**DRIVER 40W/24V IP66 OSRAM**	220…240	-30…+55	85	208	43	26	50000	20
3	OTNA2421	**DRIVER 60W/24V IP66 OSRAM**	220…240	-20…+55	80	208	43	26	50000	20
4	OTNA2450	**DRIVER 75W/24V IP67 MeanWell**	220…240	-30…+55	90	140	63	32	50000	24
5	OTNA2451	**DRIVER 100W/24V IP67 MeanWell**	220…240	-30…+55	90	140	63	32	50000	24
6	OTNA1960	**DRIVER 100W/24V IP67 OSRAM**	220…240	-30…+55	80	240	50	34	50000	10
7	OTNA2422	**DRIVER 130W/24V IP67 OSRAM**	220…240	-30…+55	80	220	63	37	50000	10
8	OTNA2452	**DRIVER 150W/24V IP67 MeanWell**	220…240	-30…+55	90	180	63	36	50000	16
9	OTNA2453	**DRIVER 200W/24V IP67 MeanWell**	220…240	-30…+55	90	199	63	36	50000	16
10	OTNA1961	**DRIVER 250W/24V IP67 OSRAM**	220…240	-30…+55	85	265	68	40	50000	10

LED Phasecut Drivers

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	Dimmable LED Drivers, Phasecut Dimmers			CH	°C Ta	°C Tc				h	pcs.
					°C	max. °C	l (mm)	w (mm)	h (mm)	h	pcs.
	V In	Hz	V Out								
	220-240	50/60	24 DC								
	One-Channel										
1	OTDA4077	**DRIVER PHASECUT 36W/24V IP20 RADIUM**		1	-20…+50	-20…+90	210	43	30	50000	50
2	OTDA3026	**DRIVER PHASECUT 75W/24V IP20 RADIUM**		1	-30…+55	-30…+70	293	43	30	50000	40
3	OTDA4078	**DRIVER PHASECUT 150W/24V IP20 RADIUM**		1	-20…+50	-20…+85	352	43	30	50000	20

Product features:

– Dimmable with conventional leading and trailing edge dimmers
– Very high compatibility with various dimmer models
– FlickerFree acc. to IEEE 1789 Standard
– Touch & DIM-interface (Dimming by wall switch without any additional accessories)
– Safety thanks to overload protection, overtemperature protection, overvoltage protection and short-circuit protection

Perfectly combinable with **LED Strip WarmDIM**:
Dim and adjust colour temperature without additional control!
More information on page 30.

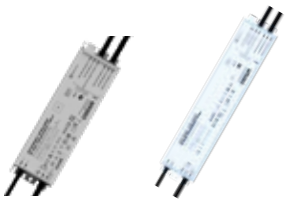
Wiring diagram Radium Phasecut Driver in combination with LED Strip WarmDIM

Dimmable LED Drivers

1 2 3 4 5 6 7

Dimmable LED Drivers, DALI

				CH	°C Ta	°C Tc				h	pcs.
					°C	max. °C	l (mm)	w (mm)	h (mm)	h	pcs.
	V In	Hz	V Out								
	220-240	50/60	24 DC								
1	OTDA4070	**DRIVER DALI 1CH 36W/24V IP20**		1	-25…+50	90	210	43	30	50000	40
2	OTDA4071	**DRIVER DALI 1CH 75W/24V IP20**		1	-25…+50	80	293	43	30	50000	30
3	OTDA4072	**DRIVER DALI 1CH 100W/24V IP20**		1	-25…+50	80	293	43	30	50000	30
4	OTDA4073	**DRIVER DALI 1CH 150W/24V IP20**		1	-25…+50	85	352	43	30	50000	20
5	OTDA4074	**DRIVER DALI 2CH 75W/24V IP20**		2	-25…+50	80	293	43	30	50000	30
6	OTDA4075	**DRIVER DALI 2CH 150W/24V IP20**		2	-25…+50	85	352	43	30	50000	20
7	OTDA4076	**DRIVER DALI/DMX 4CH 150W/24V IP20**		4	-25…+50	85	352	43	30	50000	20



1 2

Dimmable LED Drivers Waterproof, DALI

				CH	°C Ta	°C Tc				h	pcs.
					°C	max. °C	l (mm)	w (mm)	h (mm)	h	pcs.
	Hz	V Out									
	50/60	24 DC									
1	OTDA4107	**DRIVER DALI 1-4CH 100W/24V IP67 OSRAM**		1-4	-30…+55	85	237	69	30	50000	6
2	OTDA2461	**DRIVER DALI 4CH 210W/24V IP67 OSRAM**		1-4	-30…+55	85	330	69	37	50000	6

Dimmable LED Drivers

1

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6

Dimmable LED Drivers Waterproof, 1-10V

			V	°C	max. °C	l (mm)	w (mm)	h (mm)	h	pcs.
			V Out	Hz						
			24 DC	50/60						
1	OTDA2424	**DRIVER 1-10V 20W/24V IP66 OSRAM**	220…240	-30…+55	85	178	43	25	50000	20
3	OTDA2426	**DRIVER 1-10V 60W/24V IP66 OSRAM**	220…240	-30…+50	90	208	43	26	50000	20
4	OTDA2427	**DRIVER 1-10V 100W/24V IP67 OSRAM**	220…240	-30…+55	80	240	50	34	50000	10
5	OTDA2428	**DRIVER 1-10V 130W/24V IP67 OSRAM**	220…240	-30…+55	80	220	63	37	50000	10
6	OTDA2429	**DRIVER 1-10V 250W/24V IP67 OSRAM**	220…240	-30…+55	85	265	68	40	50000	10

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Smart LED Drivers, Casambi

				°C	max. °C	l (mm)	w (mm)	h (mm)	h	pcs.
			CH							
			V In	Hz	V Out					
			220…240	50/60	24 DC					
1	OTDA2443	**DRIVER BT 1CH 35W/24V IP20 TRIDONIC**	1	-25…+50	80	195	43	30	50000	10
2	OTDA2444	**DRIVER BT 1CH 60W/24V IP20 TRIDONIC**	1	-25…+50	75	225	43	30	50000	10
3	OTDA2445	**DRIVER BT 1CH 100W/24V IP20 TRIDONIC**	1	-25…+50	75	295	43	30	50000	10
4	OTDA2446	**DRIVER BT 1CH 150W/24V IP20 TRIDONIC**	1	-25…+50	90	325	43	30	50000	10

LED Dimmers

1

Smart LED Dimmer, Casambi

			W	°C Ta	°C Tc				
			W	°C	max. °C	l (mm)	w (mm)	h (mm)	pcs.
	V In	CH							
	12...24 DC	4							
1	LMBA4969	**CBU-PWM4-LR**	144	-20…+45	75	73	30	18	1

Product features:
- Control of 1-4 channels
- Voltage range: 12-24V DC
- Flexible use thanks to compact design
- Ideal for RGB, RGBW and tunable white applications
- Compatible with all other Casambi devices
- Up to 100 m reception range thanks to LongRange (LR) Bluetooth technology

1

LED Dimmer, Zigbee

			W	°C Ta	°C Tc				A	
			W	°C	max. °C	l (mm)	w (mm)	h (mm)	max. per Channel	pcs.
	V In	CH								
	12...24	5								
1	LMZA4000	**DIMMER ZIGBEE 5CH 480W/12-24V IP20**	480	-20…+45	75	145	46	16	4	1

Product features:
- Powerful 4-in-1 Zigbee dimmer for RGB, RGBW, TW and white LED strips
- Dimmable up to 4A or 96W LED strips per channel
- For integration into smart home systems
- Control with the most popular voice controls like Alexa and Google
- Zigbee certified product

LED Dimmers

1

2

	LED Dimmers, RF	W	V	CH	l (mm)	w (mm)	h (mm)	max. per Channel	pcs.
		-20...+45°C (Ta)	max. 75°C (Tc)	50,000 h					
1	LMRA3970 **DIMMER RF 1CH 240W/12-24V IP20**	240*	12...24	1	145	46	16	10	1
2	LMRA3971 **DIMMER RF 4CH 480W/12-36V IP20**	480*	12...36	4	176	46	18	5	1

*Note: With 24V input voltage

Dimmer RF 1CH:
- For dimming of single colour white LED strips up to 240W power (at 24V)
- Flat, compact design

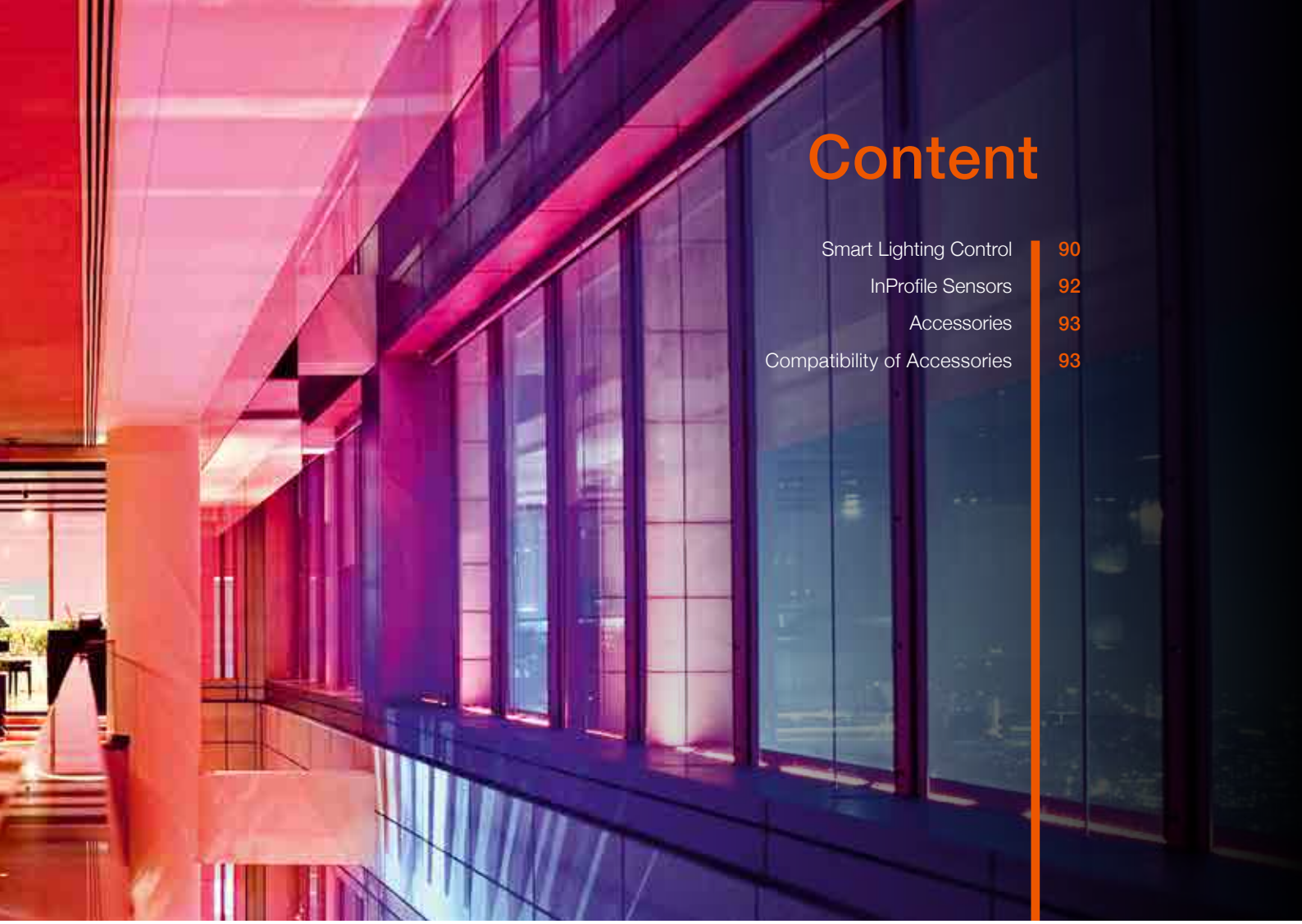
Dimmer RF 4CH:
- RF dimmer for RGB, RGBW and white LED strips up to 5A or 120W power per channel (at 24V)

Our RF dimmers can be conveniently controlled by **Remote control**.
You will find these on page 93.

- Easy to connect (also several remote controls with one dimmer or one remote control with several dimmers possible)
- Fast response time
- Wide range thanks to RF technology

Products.
Control Units.

With the increasing demands in the course of digitization, our control units offer even more possibilities to you. They are easy to install, can be adjusted flexibly and operated intuitively. In combination with intelligent sensors and the use of daylight, you achieve maximum energy savings and use light in a targeted and needs-based manner. Make use of all of these options with Radium!



Content

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Smart Lighting Control

Product features:

- Can be combined with luminaires or control gears with suitable interfaces (1-10V or DALI)
- Setup of a conventional push button for control possible
- Colour control for DALI RGB or colour temperature control for tunable white light sources
- Compatible with all other Casambi devices
- Easy control via smartphone or tablet using the Casambi app
- Up to 100 m reception range thanks to LongRange (LR) Bluetooth technology

1

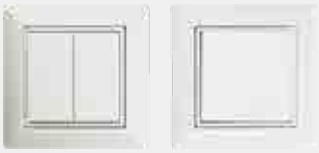
Casambi Control Unit

		V_{In}	Hz					°C Ta	°C Tc			
		220...240	50/60					°C	max. °C	l (mm)	w (mm)	h (mm)	pcs.
		DALI, 1-10V											
1	LMBA4952	**CBU-ASD-LR**	DALI	1	1	-20...+40	70	57	36	22	1

Smart switch

Product features:
– Switch and dim up to 4 groups or lamps, as well as recall scenes and animations
– Completely batteryless and wireless switch

Bluetooth Control Wall Switch 1-2CH
LMZA1736



Smart remote control

Product features:
– Freely programmable by Casambi app
– Setting the colour temperature of tunable white light sources
– Can be used as a wall switch on the magnetic holder or as remote control
– Compatible with all other Casambi devices

XPRESS-LR WHITE
LMZA4955

XPRESS-LR BLACK
LMZA4954

Dimmer for lamps

Product features:
– Direct dimming of 230V lamps without additional compo-nents
– Very well compatible with dimmable LED lamps
– Up to 150W can be conveniently dimmed with a BCU-TED

CBU-TED-LR
LMBA4953

App

One app – many intelligent functions
– Light sources are found by the app
– Combine luminiares in groups and control them
– Create light scenes with individual dimming and colour values, e.g. warm, bright, romantic...
– Timer function, e.g. Set alarm clock
– Mesh network: units communicate with each other, so that the Bluetooth range is expanded
– Scenes can be retrieved using the classic light switch
– Compatible with many iOS and Android devices (Bluetooth 4.0)

InProfile Sensors

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			A	W	W	°C Ta				
	Sensors				at 24V	°C	l (mm)	w (mm)	h (mm)	pcs.
	V In	V Out								
	12-24 DC	12-24 DC								
	One-Channel									
1	LMCA3030	**IN-PROFILE TOUCH&DIM SENSOR 72W/12-24V**	3	72	-30…+55	50	8	10	30
2	LMCA3031	**IN-PROFILE MOTION SENSOR 72W/12-24V**	3	72	-30…+55	50	11	12	30
3	LMCA3032	**IN-PROFILE DOOR SENSOR 96W/12-24V**	4	96	-30…+55	50	11	8	30
4	LMCA3033	**IN-PROFILE WINK SENSOR 96W/12-24V**	4	96	-30…+55	50	11	9	30

Product features:

- Versatile sensors, some with dimming function
- Compact design for installation in Radium aluminum profiles
- Easy dimming and switching of 12-24V LED strips
- Up to 96W per sensor/dimmer at 24V

Functions

1	**IN-PROFILE TOUCH&DIM SENSOR 72W/12-24V**	Dim light by tapping the profile cover
2	**IN-PROFILE MOTION SENSOR 72W/12-24V**	Switch on light by motion detection
3	**IN-PROFILE DOOR SENSOR 96W/12-24V**	Switch on light by opening the (cabinet) door thanks to optical door contact sensor
4	**IN-PROFILE WINK SENSOR 96W/12-24V**	Switching light by movement over the profile cover

Accessories for Control Units

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Casambi Accessories

			l (mm)	w (mm)	h (mm)	pcs.
1	LMZA1736	**Bluetooth Control Wall Switch 1-2CH**	81	81	14	1
2	LMZA4955	**XPRESS-LR WHITE**	90	90	12	1
3	LMZA4954	**XPRESS-LR BLACK**	90	90	12	1

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RF Accessories

			l (mm)	w (mm)	h (mm)	pcs.
1	LMZA3972	**REMOTE RF WHITE 4Z**	150	39	11	1
2	LMZA3973	**REMOTE RF RGB 4Z**	120	55	17	1
3	LMZA3974	**REMOTE RF DOT 1Z WHITE**	32	32	12	1
4	LMZA3975	**REMOTE RF DOT 1Z BLACK**	32	32	12	1

Compatibility of Accessories

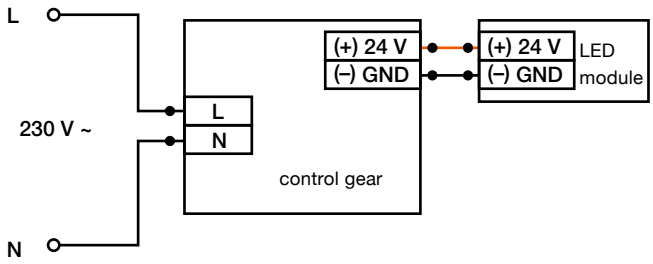
Product family		DIMMER RF 1CH 240W/ 12-24V IP20	DIMMER RF 4CH 480W/ 12-36V IP20	Casambi Control Units, DALI
Page		87	87	90
Bluetooth Control Wall Switch 1-2CH LMZA1736				x
SMART Blue Remote LMZA4955 (white) / LMZA4954 (black)				x
REMOTE RF WHITE 4Z LMZA3972		x		
REMOTE RF RGB 4Z LMZA3973			x	
REMOTE RF DOT 1Z LMZA3974 (white) / LMZA3975 (black)		x		

Overview of Important Information.

Technical Information.

Electrical information

Radium LED Strips are suitable for operation with 24V DC voltage only. Suitable control gears can be found on pages 80–87. Depending on the LED strip, one or two supply lines per module are pre-assembled at the factory. The cables of the supply lines can be extended on site.



Cable lengths

The LED strips must not be operated at any random distance from the control gear. The maximum cable lengths depend on the device and are published in the technical data sheets of the control gear. When long cable lengths and/or high currents occur, sufficiently large cable cross sections must be used.

ESD protection

LED strips can be damaged by electrostatic discharge (ESD), up to a total failure of the LEDs. If the ESD damage is less serious, the LEDs remain conductive and light up, but darken quickly. To avoid ESD damage, LED strips must be stored in an ESD-protected environment and processed and assembled with appropriate protection. Therefore at our professional customising LED Strip assemblies we work in areas with special ESD protection exclusively.

Assembly

All LED Strips are equipped with 3M double-sided adhesive tape. After removing the protective film, the LED module can be glued to clean and smooth surfaces. Optionally, the modules can be installed directly in suitable aluminum profiles (see pages 58–73). Make sure you have a clean surface that must be free of grease, oil, silicone and dirt particles.

IP Protection

In order to protect our LED Strips from environmental influences, all waterproof Essence Strips are enveloped in a silicone tube and potted at both ends. Our waterproof Star Strips are encapsulated with silicone. IP protection indicates the suitability of electrical equipment for various environmental conditions.

Degree of protection against dust and foreign bodies

0 Not protected
1 Protected against solid foreign bodies Ø
2 Protected against solid foreign bodies ≥ 12.5 mm Ø
3 Protected against solid foreign bodies ≥ 2.5 mm Ø
4 Protected against solid foreign bodies ≥ 1 mm Ø
5 Protected from dust
6 Dustproof

Example: IP67
Dustproof, protected against temporary immersion in water

Degree of protection against water

0 Not protected
1 Protected against dripping water
2 Protected against dripping water if the housing is inclined
3 Protected against water spray
4 Protected against splash water
5 Protected against water jets
6 Protected against strong water jets
7 Protected against temporary immersion in water
8 Protected against permanent immersion in water
9 Protection against water during high pressure/steam jet cleaning

Cooling

All Radium LED Strips with a power of > 15 W/m as well as all RGB strips must not be operated without heat sink. Radium aluminum profiles are recommended for optimal cooling (see page 58–73). If the modules are not operated with approved Radium accessories, Radium cannot accept any warranty claims.

Maximum operable length

The specified maximum operable length of the LED Strips requires an input voltage of 24V at the LED Strip. If the voltage actually fed in is lower due to a too long supply line, the maximum operable length might be proportionately shorter.

Guarantee

Radium LED products are known for high quality engineering, professional thermal management, the use of high quality components and the use of systematic quality assurance measures. For LED Strips that correspond to the product and application specifications given by Radium, e.g. data sheets, application notes or compatibility lists, Radium provides a guarantee up to 5 years. www.radium.de/guarantee

Star

Optimal function for professional use.
All Star types offer a longer service life and very good efficiency.

Essence

All Essence types offer pure functionality at the best price.

The Meaning of the Symbols.
Pictograms.

Power consumption (W)

Input voltage (V)

Output voltage (V)

Voltage (V)

Amperage (A)

Permissible ambient temperature (°C)

Permissible operating temperature (°C)

Mains frequency (Hz)

Dimensions length / width / height (mm)

Lifetime (h)

Protection class I

Protection class II

Protection class III

Shipping unit in pieces (pcs.)

Energy label

Material

Colour temperature
- 2700/3000 K (warm white)
- ~ 4000 K (neutral white)
- ~ 6500 K (cool white)
- super warm white–neutral white
- warm white–cool white
- RGB/RGBW

Power consumption per meter (W/m)

Luminous flux per meter (lm/m)

LEDs per meter

Smallest divisible unit of an LED Strip (mm)

Maximum operable length for the LED Strip with one feed-in connection

5 meter reel of LED Strip

30 meter reel of LED Strip

50 meter reel of LED Strip

Individual length for LED Strip (m)

Distance (pitch) from centre LED to centre LED (mm)

Number of contact points of an LED Strip

Width of LED Strip (mm)

Cable length (mm)

Interface profile to cover

Interface profile to mounting bracket

Profile shape U (add-on/attachment profile)

Profile shape U FLAT (add-on/attachment profile flat)

Profile shape WING (installation profile)

Profile shape CORNER (corner profile)

1 meter length for aluminum profiles and covers

2 meters length for aluminum profiles and covers

3 meters length for aluminum profiles and covers

20 meters length for covers

Size SMALL for aluminum profiles

Size MEDIUM for aluminum profiles

DIM interface

Number of channels of a control gear

For Multi-Channel:
Max. number of addresses of a control gear
For broadcast:
Max. number of control gear

Number of poles/leads

Number of outputs

Cable cross section (mm^2)

Color

Radium
LED Strips

Radium Lampenwerk GmbH
Dr.-Eugen-Kersting-Str. 6
51688 Wipperfürth
Germany

Telephone +49 (0) 2267 811
Telefax +49 (0) 2267 81353

radium@radium.de
www.radium.de

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